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CI 750  
FIELD MAINTENANCE  
PRINT SET

DIGITAL EQUIPMENT  
CORPORATION

PLOT AT: 1.00

LAYER #1: SHEET 1 OF 3  
LAYER #2: SHEET 2 OF 3  
LAYER #3: SHEET 3 OF 3

[illegible]

REVISIONS		CHANGE NO.	REV.
CHK		INITIAL	A
		CI750 TWO	B
K. GAGNON		14FEB84	
R. MORIN			
FH	CI750-LTN03	C	
S. CHARTIER		22FEB85	
R. MORIN		06MAY85	

USED ON OPTION/MODEL	DRN.	DATE	TITLE
CI750	P. MARCOTTE	8JUN83	CI750 ASSEMBLY
	CHK'D	DATE	
	F. HALLIDAY	27JUL83	
	PROJ. ENG.	DATE	
	B. MONDOR	27JUL83	
	FIELD SERV.	DATE	
	J. FAIRCHILD	27JUL83	
SHEET 1 OF 3		SIZE	CODE
		B	TC
		NUMBER	
		CI750-0-DBU1	
		REV.	
		C	

LAYER #3: SHEET 3 OF 3

digit

LTN



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FIELD MAINTENANCE PRINT SET																																					
<div>D-1A-7014529-0-0 K-PL-7014529-0-DBP D-1A-7014250-0-0 K-PL-7014250-0-DBP E-AD-7020408-0-DBU K-PL-7020408-0-DBP E-1A-7020757-0-DBU K-PL-7020757-0-DBP B-DD-5415555-0 E-UA-5415555-0-0 K-PL-5415555-0-DBP D-EC-5015554-0-0 B-DD-5414340-0 D-UA-5414340-0-0 K-PL-5414340-0-DBP D-CS-5414340-0-0 D-1A-7018162-0-0 K-PL-7018162-0-DBP D-1A-7018163-0-0 K-PL-7018163-0-DBP E-1A-7020447-0-DBU K-PL-7020447-0-DBP E-AD-7019602-0-0 K-PL-7019602-0-DBP D-1A-7018526-0-0 K-PL-7018526-0-DBP D-AD-7020752-0-DBU K-PL-7020752-0-DBP B-DD-L0009-0 E-UA-L0009-0-0 K-PL-L0009-0-DBP K-CS-L0009-0-1 THRU 20 (COMPLETE) K-BD L0009-0-21 K-TD-L0009-0-22 B-DD-L0400-0</div>		<div>CABLE POWER (1+5 MEM RED) CABLE POWER (1+5 MEM RED)-PARTS LIST CABLE POWER (RTR MEM BLK) CABLE POWER (RTR MEM BLK)-PARTS LIST CARD CAGE ASSEMBLY CARD CAGE ASSEMBLY PARTS LIST FRAME, CARD CAGE ASSY FRAME, CARD CAGE ASSY PARTS LIST CI750 BACKPLANE ASSY-DWG DIRECTORY CI750 BACKPLANE ASSY CI750 BACKPLANE ASSY PARTS LIST CI750 BACKPLANE ASSY-ETCH CUT AIR FLOW SENSOR ASSY-DWG DIRECTORY AIR FLOW SENSOR ASSY AIR FLDW SENSOR ASSY PARTS LIST AIR FLDW SENSOR-CIRCUIT SCHEMATIC CABLE, SENSOR POWER CABLE, SENSOR POWER-PARTS LIST CABLE, DC TO FAN CABLE, DC TO FAN-PARTS LIST CABLE RETRACTDR ASSY CABLE RETRACTDR ASSY PARTS LIST CIPA HARNESS ASSEMBLY CIPA HARNESS ASSEMBLY PARTS LIST BULKHEAD CABLE (CI780) BULKHEAD CABLE (CI780)-PARTS LIST CABLE SET ASSY (CI750) CABLE SET ASSY (CI750) PARTS LIST CCI DRAWING DIRECTORY CCI UNIT ASSEMBLY CCI PARTS LIST CCI SCHEMATICS  CCI BLDCK DIAGRAM CCI TIMING/STATE TRANSITION DIAG. CDP DRAWING DIRECTORY</div>		<div>UNIT VARIATIONS COVERED BY THIS PRINT SET</div>		<div>FIELD MAINTENANCE PRINT SET</div> <div>DIGITAL EQUIPMENT CORPORATION</div>																															
<div>REVISIONS</div> <table><tr><td>REV.</td><td></td></tr><tr><td>CHANGE NO.</td><td></td></tr><tr><td>CHK</td><td></td></tr></table>		REV.		CHANGE NO.		CHK		USED ON OPTION/MODEL		<table><tr><td>DRN.</td><td>DATE</td><td rowspan="5">TITLE</td></tr><tr><td>P. MARCOTTE</td><td>8JUN83</td></tr><tr><td>CHK'D</td><td>DATE</td></tr><tr><td>F. HALLIDAY</td><td>27JUL83</td></tr><tr><td>PROJ. ENG.</td><td>DATE</td></tr><tr><td>B. MONDDR</td><td>27JUL83</td><td rowspan="3">CI750 ASSEMBLY</td></tr><tr><td>FIELD SERV.</td><td>DATE</td></tr><tr><td>J. FAIRCHILD</td><td>27JUL83</td></tr><tr><td colspan="2">SIZE CODE</td><td>NUMBER</td><td>REV.</td></tr><tr><td colspan="2">B TC</td><td>CI750-0-DBU1</td><td>C</td></tr></table>		DRN.	DATE	TITLE	P. MARCOTTE	8JUN83	CHK'D	DATE	F. HALLIDAY	27JUL83	PROJ. ENG.	DATE	B. MONDDR	27JUL83	CI750 ASSEMBLY	FIELD SERV.	DATE	J. FAIRCHILD	27JUL83	SIZE CODE		NUMBER	REV.	B TC		CI750-0-DBU1	C
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SHEET 2 OF 3		DIST.		LTN																																	

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FIELD MAINTENANCE PRINT SET

E-UA-L0400-0-0	CDP UNIT ASSEMBLY
K-PL-L0400-0-DBP	CDP PARTS LIST
K-CS-L0400-0-CDPA	CDP SCHEMATICS
THRU CDPDD (COMPLETE)	
K-BD-L0400-0-CDPEE	CDP BLOCK DIAGRAM
K-TD-L0400-0-CDPFF	CDP TIMING/STATE TRANSITION DIAG.
B-DD-L0101-0	IPB DRAWING DIRECTORY
E-UA-L0101-0-0	IPB UNIT ASSEMBLY
K-PL-L0101-0-DBP	IPB PARTS LIST
D-CS-L0101-0-PBA	IPB SCHEMATICS
THRU P888 (COMPLETE)	
D-BD-L0101-0-2	IPB BLOCK DIAGRAMS
B-TD-L0101-0-3	IPB TIMING DIAGRAMS
B-DD-L0100-0	ILI DRAWING DIRECTORY
E-UA-L0100-0-0	ILI UNIT ASSEMBLY
K-PL-L0100-0-DBP	ILI PARTS LIST
D-CS-L0100-0-1	ILI SCHEMATICS
D-BD-L0100-0-3	ILI BLOCK DIAGRAMS
D-TD-L0100-0-2	ILI TIMING DIAGRAMS
B-TC-BNC1A-0-1	BNC1A CABLE ASSY (TC ONLY)
B-TC-SC008-A-1	STAR COUPLER AND CABLE ASSY (TC ONLY)
K-PL-7022467-0-DBP	SHIPLIST CI750
E-AD-7022193-0-DBU	STAR COUPLER ASSY, 4 NODE
K-PL-7022193-0-DBP	STAR COUPLER ASSY, 4 NODE - PARTS LIST
B-DD-5417523-0	STAR COUPLER MODULE, 4 NODE - DWG. DIR.
D-UA-5417523-0-0	STAR COUPLER MODULE, 4 NODE - ASSY
K-PL-5417523-0-DBP	STAR COUPLER MODULE, 4 NODE - PARTS LIST
K-CS-5417523-1-0	STAR COUPLER MODULE, 4 NODE - SCHEMATIC

UNIT VARIATIONS  
COVERED BY THIS  
PRINT SET

FIELD MAINTENANCE  
PRINT SET

DIGITAL EQUIPMENT  
CORPORATION

REVISIONS	REV.					
	CHANGE NO.					
	CHK					
USED ON OPTION/MODEL		DRN. P. MARCOTTE	DATE 8JUN83	TITLE	CI750 ASSEMBLY	digital
		CHK'D F. HALLIDAY	DATE 27JUL83			
		PROJ. ENG. B. MONDOR	DATE 27JUL83			
		FIELD SERV. J. FAIRCLOLD	DATE 27JUL83			
SHEET 3 OF 3		SIZE B	CODE TC	NUMBER CI750-0-DBU1	REV. C	
		DIST.				

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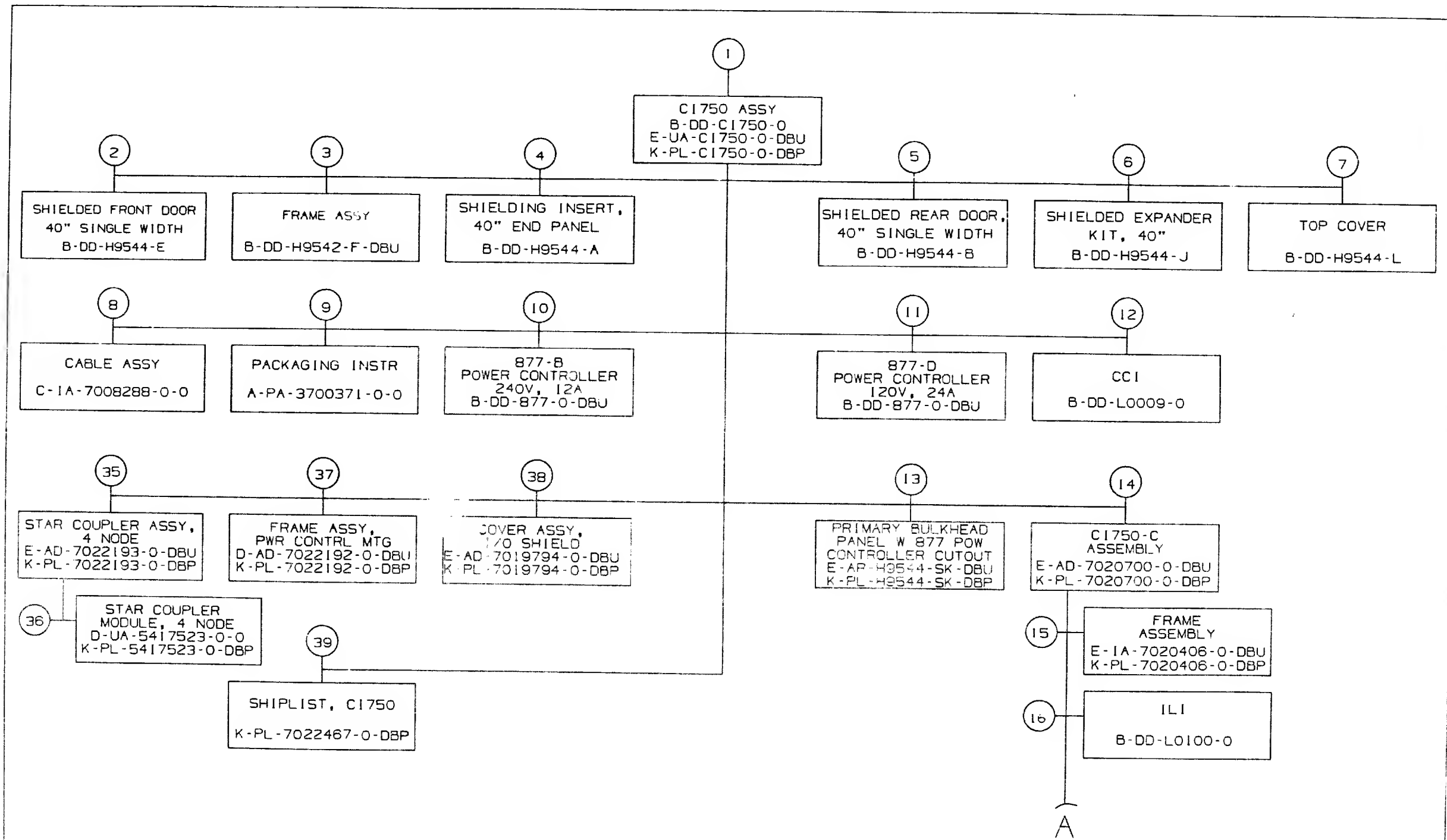


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LAYER	#1:	SHEET	1	OF	6
LAYER	#2:	SHEET	2	OF	6
LAYER	#3:	SHEET	3	OF	6
LAYER	#4:	SHEET	4	OF	6
LAYER	#5:	SHEET	5	OF	6
LAYER	#6:	SHEET	6	OF	6

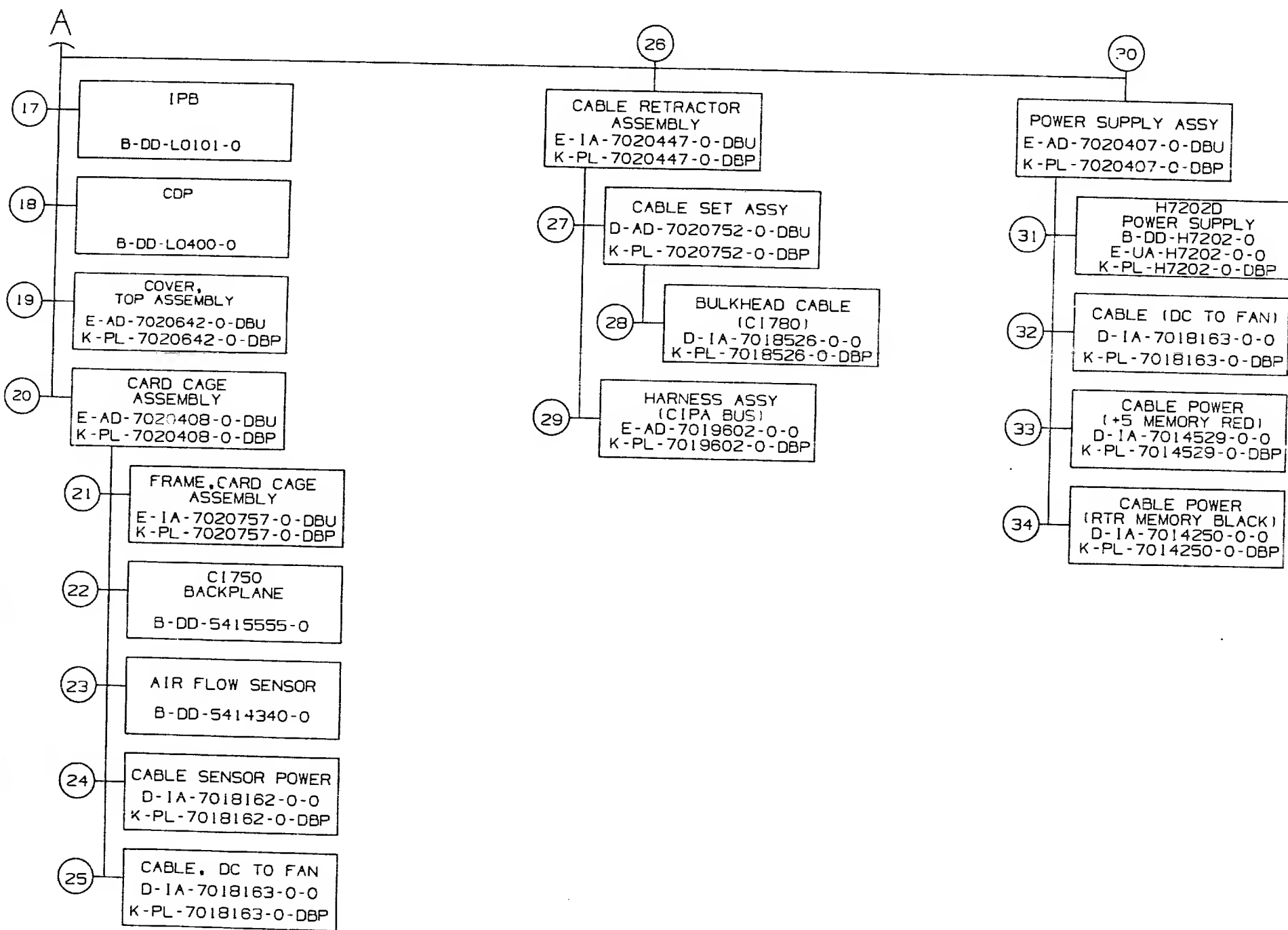
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TITLE:	SIZE CODE	NUMBER	REV.
C1750 ASSEMBLY	B DD	C1750-0-DBU	C
SHEET 2 OF 6			

LTN



TITLE:

CI750 ASSEMBLY

SHEET 3 OF 6

SIZE CODE  
B DD

NUMBER  
CI750-0-DBU

REV.  
C

LTN

FIND NO.	DRAWING NO.	DESCRIPTION	TYPE	FIND NO.	DRAWING NO.	DESCRIPTION	TYPE
1	MP 01647	FIELD MAINTENANCE PRINT SET (MPI)		11	B-DD-877-0-DBU	877-D POWER CONTROLLER 120V, 24A	E/M
	B-TC-C1750-0-DBU1	FIELD MAINTENANCE PRINT SET (TCI)					
	B-DD-C1750-0-DBU	C1750 ASSEMBLY-DWG DIRECTORY		12	B-DD-L0009-0	CCI	E/M
	E-UA-C1750-0-DBU	C1750 ASSEMBLY	E/M				
	K-PL-C1750-0-DBP	C1750 ASSEMBLY-PARTS LIST	E/M	13	B-DD-H9544-SK-DBU	PRIMARY BULKHEAD PANEL W 877 POW CONTROLLER CUTOUT	E/M
	E-IC-C1750-0-DBU2	C1750 INTERCONNECT DIAGRAM	E				
	E-IC-C1750-0-DBU3	C1750 DUAL IC DIAGRAM	E	14	E-AD-7020700-0-DBU	C1750-C ASSEMBLY	E/M
	K-BD-C1750-0-0	C1750 BLOCK DIAGRAM	M		K-PL-7020700-0-DBP	C1750-C ASSEMBLY PARTS LIST	
	A-PS-1215843-0-0	CLIP,FLAT CABLE W/ ADHESIVE BACK	M		D-MD-7428678-0-DBU	BRACKET, CIRCUIT BREAKER	M
	E-1A-7431440-0-DBU	PANEL, FRONT, SC 4	M		B-MD-7423050-0-DBU	COVER PLATE	M
	C-SS-7431440-0-1	SILK SCREEN, PANEL, FRONT			B-1A-7423049-0-DBU	STUD PLATE	M
	C-SS-7431440-0-2	SILK SCREEN, PANEL, REAR			E-MD-7427861-0-0	COVER, CARD CAGE	M
	C-MD-7431439-0-DBU	PLATE CONTROLLER	M		C-MD-7428979-0-DBU	COVER, LEXAN	M
	E-1A-7431233-0-DBU	FRAME, MOUNTING, SC4	M		D-MD-7428427-0-DBU	BRACKET, MODULE SUPPORT	M
	C-MD-7428810-0-DBU	BRACKET, FRONT DOOR LOCK	M		C-1A-7427380-0-DBU	BRACKET, RETAINER	M
	B-MD-7425168-0-0	BAR, NUT	M				
	D-MD-7419261-0-0	BRACKET, CHASSIS SLIDE	M	15	E-AD-7020406-0-DBU	FRAME ASSEMBLY	E/M
	E-1A-7432233-0-DBU	BRACKET, LOCKING	M		K-PL-7020406-0-DBP	FRAME ASSEMBLY PARTS LIST	
					E-MD-7430175-0-0	FRAME, BOTTOM	M
2	B-DD-H9544-E	SHIELDED FRONT DOOR, 40" SINGLE WIDTH	M		E-1A-7430176-0-0	PANEL, RIGHT SIDE	M
					E-1A-7430177-0-0	PANEL, LEFT SIDE	M
					E-1A-7430179-0-0	FRAME, FRONT	M
3	B-DD-H9542-F-DBU	FRAME ASSY	M		E-MD-7430178-0-0	FRAME, REAR	M
					D-MD-7430185-0-DBU	DOOR, SIDE	M
					D-MD-7427865-0-DBU	HINGE, DOOR	M
4	B-DD-H9544-A	SHIELDING INSERT, " END PANEL	M		D-MD-7421616-0-0	SPRING, BOX LOCK	M
					D-1A-7427863-0-DBU	STRUT, BOTTOM	M
					D-MD-7427866-0-DBU	FILTER, FOAM	M
					D-MD-7427867-0-DBU	FOAM, FAN	V
5	B-DD-H9544-B	SHIELDED REAR DOOR, 40" SINGLE WIDTH	M		D-MD-7427862-0-DBU	FOAM, CARD CAGE	V
					D-1A-7430180-0-0	BRACKET, CC MOUNT	M
					K-PL-7430180-0-DBP	BRACKET, CC MOUNT PARTS LIST	
6	B-DD-H9544-J	SHIELDED EXPANDER KIT, 40"	M		C-MD-7423073-0-DBU	VELCRO STRIP, UPPER	M
					A-PS-1219059-0-0	CLIP, FLAT CABLE 2.45"W	M
					C-1A-7428677-0-DBU	BRACKET, CIRCUIT	M
7	B-DD-H9544-L	SHIELDED TOP COVER, 40" SINGLE WIDTH	M		K-PL-7428677-0-DBP	BRACKET, CIRCUIT PARTS LIST	
					D-MD-7430181-0-0	BRKT, LOWER, FR & RR	M
					C-1A-7430310-0-0	BRKT, UPPER, FRONT	M
8	C-1A-7008288-0-0	CABLE ASSEMBLY	E/M		K-PL-7430310-0-DBP	BRKT, UPPER, FRONT PARTS LIST	
					C-MD-7430311-0-0	BRKT, UPPER REAR	M
					C-1A-7430183-0-0	NUT PLATE	M
9	A-PA-3700371-0-0	PACKAGING INSTRUCTIONS	M		K-PL-7430183-0-DBP	NUT PLATE PARTS LIST	
					C-MD-7430184-0-0	WINDOW, PLASTIC	V
					A-PS-1213686-01	MOUNTING RAIL	M
10	B-DD-877-0-DBU	877-B POWER CONTROLLER 240V, 12A	E/M				
				16	B-DD-L0100-0	ILI	E/M

TYPE: E ELECTRICAL  
M MECHANICAL  
E/M ELECTRO/MECHANICAL

digital

TITLE: C1750 ASSEMBLY

SHEET 4 OF 6

SIZE CODE BDD

NUMBER C1750-0-DBU

REV. C

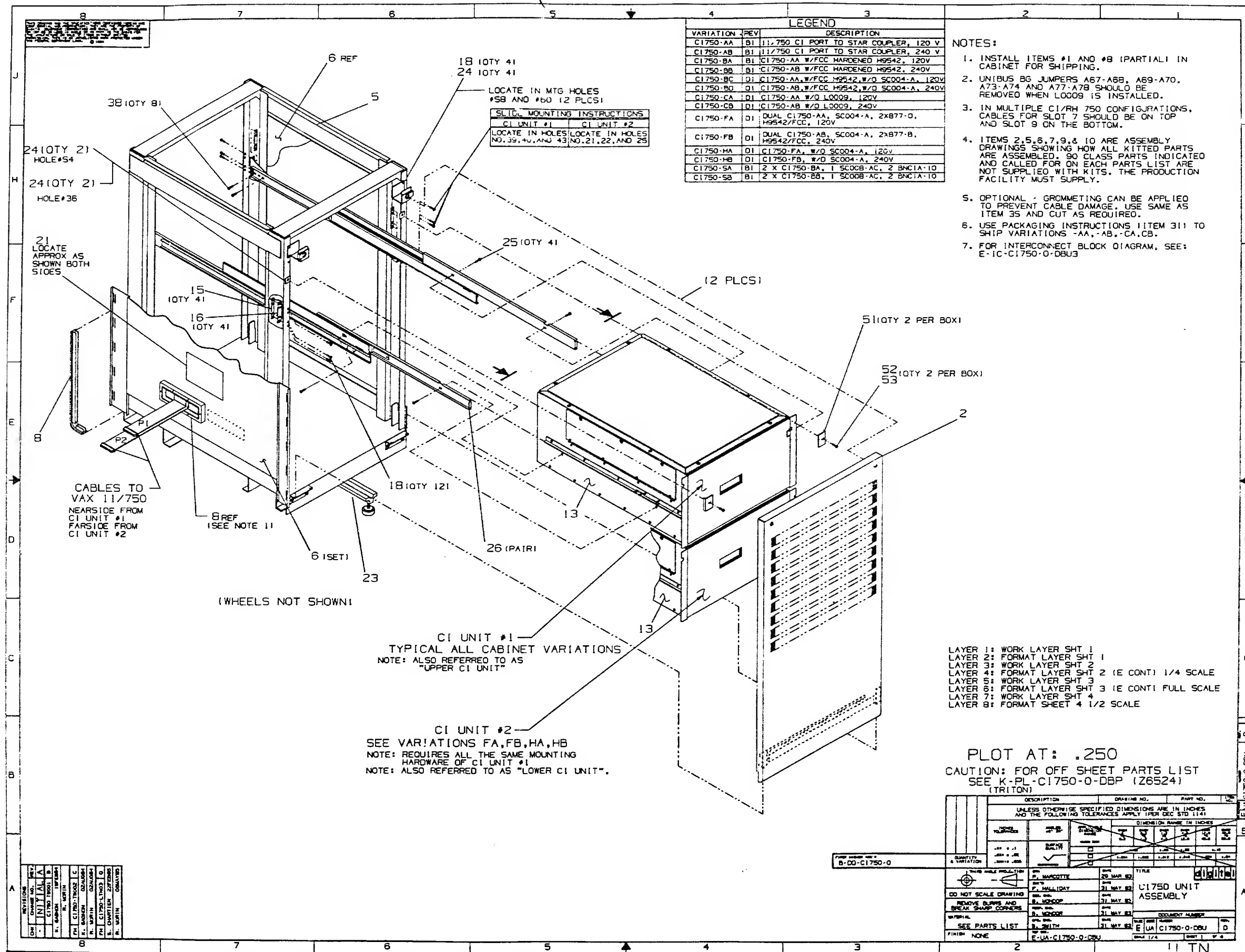
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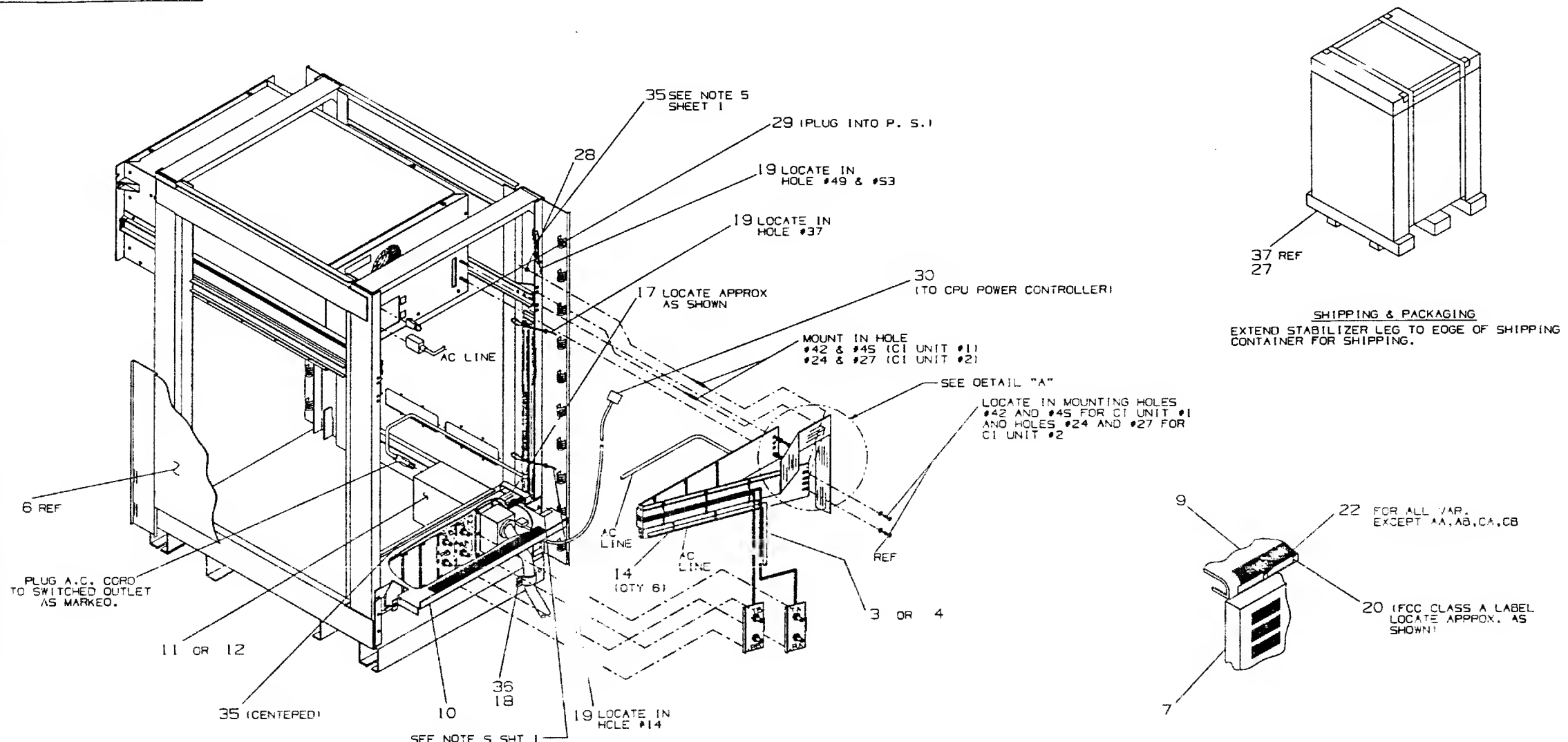
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18	B-DD-L0400-0	CDP	E/M		K-PL-7018162-0-DBP	CABLE, SENSOR POWER-PARTS LIST	
19	E-AD-7020642-0-DBU	COVER, TOP ASSEMBLY	M	25	D-1A-7018163-0-0	CABLE, DC TO FAN	E/M
	K-PL-7020642-0-DBP	COVER, TOP ASSEMBLY-PARTS LIST	M		K-PL-7018163-0-DBP	CABLE, DC TO FAN-PARTS LIST	
	E-MD-7430189-0-0	COVER, TOP	M	26	E-1A-7020447-0-DBU	CABLE RETRACTOR ASSEMBLY	E/M
20	E-AD-7020408-0-DBU	CARD CAGE ASSEMBLY	E/M		K-PL-7020447-0-DBP	CABLE RETRACTOR ASSEMBLY-PARTS LIST	
	K-PL-7020408-0-DBP	CARD CAGE ASSEMBLY-PARTS LIST	E/M		D-MD-7428769-0-DBU	RETRACTOR, RIBBON CABLE	M
	E-1A-7427378-0-DBU	PLENUM	M	27	D-AD-7020752-0-DBU	CABLE SET ASSEMBLY	E/M
	D-MD-7427925-0-DBU	INSULATOR	M		K-PL-7020752-0-DBP	CABLE SET ASSEMBLY-PARTS LIST	
	D-1A-7428581-0-DBU	BRACKET, L, STRAIN RELIEF	M		D-1A-7426407-26-DBU	PANEL, MASTER (T/RA)	M
	C-1A-7428368-0-DBU	BRACKET, LEFT STRAIN RELIEF	M		K-PL-7426407-26-DBP	PANEL, MASTER (T/RA)-PARTS LIST	
	C-MD-7428580-0-DBU	PLATE, STRAIN RELIEF	M		D-1A-7426407-27-DBU	PANEL, MASTER (T/RB)	M
	A-PS-1217556-0-0	FAN, TUBE AXIAL	E/M		K-PL-7426407-27-DBP	PANEL, MASTER (T/RB)-PARTS LIST	
	A-PS-1210263-0-0	GUARD, FINGER	M	28	D-1A-7018526-0-0	BULKHEAD CABLE (C1780)	E/M
21	E-1A-7020757-0-DBU	FRAME, CARD CAGE ASSEMBLY	M		K-PL-7018526-0-DBP	BULKHEAD CABLE (C1780)-PARTS LIST	
	K-PL-7020757-0-DBP	FRAME, CARD CAGE ASSEMBLY-PARTS LIST		29	E-AD-7019602-0-0	HARNESS ASSEMBLY (CIPA BUS)	E/M
	E-1A-7430186-0-DBU	BOTTOM, CC	M		K-PL-7019602-0-DBP	HARNESS ASSEMBLY (CIPA BUS)-PARTS LIST	
	K-PL-7430186-0-DBP	BOTTOM, CC-PARTS LIST		30	E-1A-7020407-0-DBU	POWER SUPPLY ASSEMBLY	E/M
	E-1A-7430187-0-DBU	FRAME, CARDCAGE, FRONT	M		K-PL-7020407-0-DBP	POWER SUPPLY ASSEMBLY-PARTS LIST	E/M
	K-PL-7430187-0-DBP	FRAME, CARDCAGE, FRONT-PARTS LIST			D-MD-7427369-0-DBU	BRACKET, LEFT, P.S.	M
	E-1A-7430188-0-DBU	FRAME, CARDCAGE, REAR	M		D-MD-7427370-0-DBU	BRACKET, RIGHT, P.S.	M
	K-PL-7430188-0-DBP	FRAME, CARDCAGE, REAR-PARTS LIST			A-PS-1217556-0-0	FAN, TUBE AXIAL	E/M
	C-MD-7423051-0-0	ROD SUPPORT	M		A-PS-1700388-0-0	FLEX CABLE ASSEMBLY	E/M
	D-MD-7428365-0-DBU	STRUT, HORIZONTAL	M	31	B-DD-H7202-0	H7202 POWER SUPPLY-DWG DIRECTORY	
	A-PS-1211630-0-0	GUIDE, CARD	M	32	D-1A-7018163-0-0	CABLE, DC TO FAN	E/M
22	B-DD-5415555-0	C1750 BACKPLANE-DWG DIRECTORY			K-PL-7018163-0-DBP	CABLE, DC TO FAN -PARTS LIST	
	E-UA-5415555-0-0	C1750 BACKPLANE ASSEMBLY	E/M	33	D-1A-7014529-0-0	CABLE POWER (+5 MEMORY-RED)	E/M
	K-PL-5415555-0-DBP	C1750 BACKPLANE ASSEMBLY-PARTS LIST			K-PL-7014529-0-DBP	CABLE POWER (+5 MEMORY-RED)-PARTS LIST	
	D-EC-5015554-0-0	C1750 BACKPLANE ASSEMBLY-ETCH CUT	E	34	D-1A-7014250-0-0	CABLE POWER (RTR MEMORY-BLK)	E/M
23	B-DD-5414340-0	AIR FLOW SENSOR-DWG DIRECTORY			K-PL-7014250-0-DBP	CABLE POWER (RTR MEMORY-BLK)-PARTS LIST	
	D-UA-5414340-0-0	AIR FLOW SENSOR ASSEMBLY	E/M				
	K-PL-5414340-0-DBP	AIR FLOW SENSOR ASSEMBLY-PARTS LIST					
	D-CS-5414340-0-0	AIR FLOW SENSOR-CIRCUIT SCHEMATIC	E				
			E/M				
TYPE: E ELECTRICAL M MECHANICAL E/M ELECTRO/MECHANICAL				TITLE: C1750 ASSEMBLY			
DRB 108A				SHEET 5 OF 6			
				SIZE CODE B DD			
				NUMBER C1750-0-DBU			
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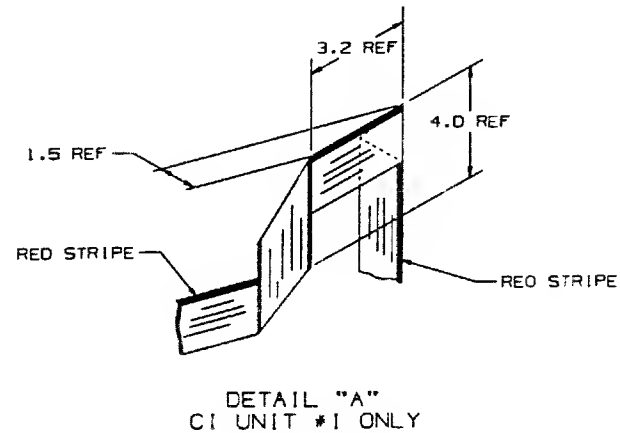
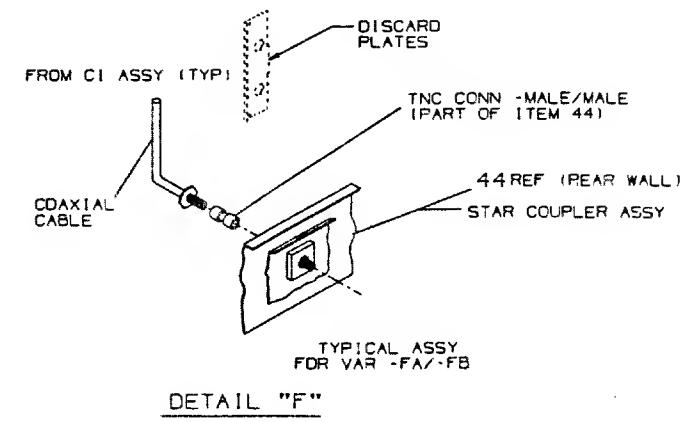
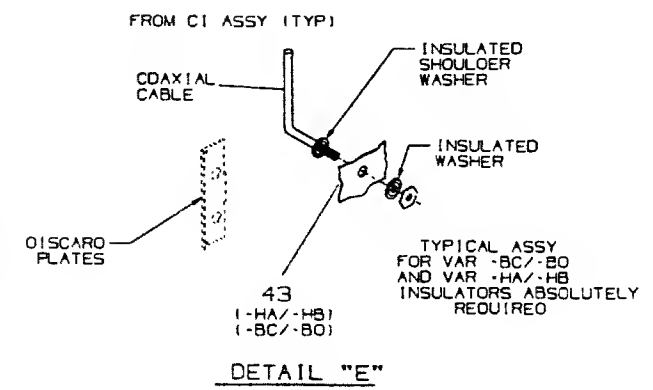




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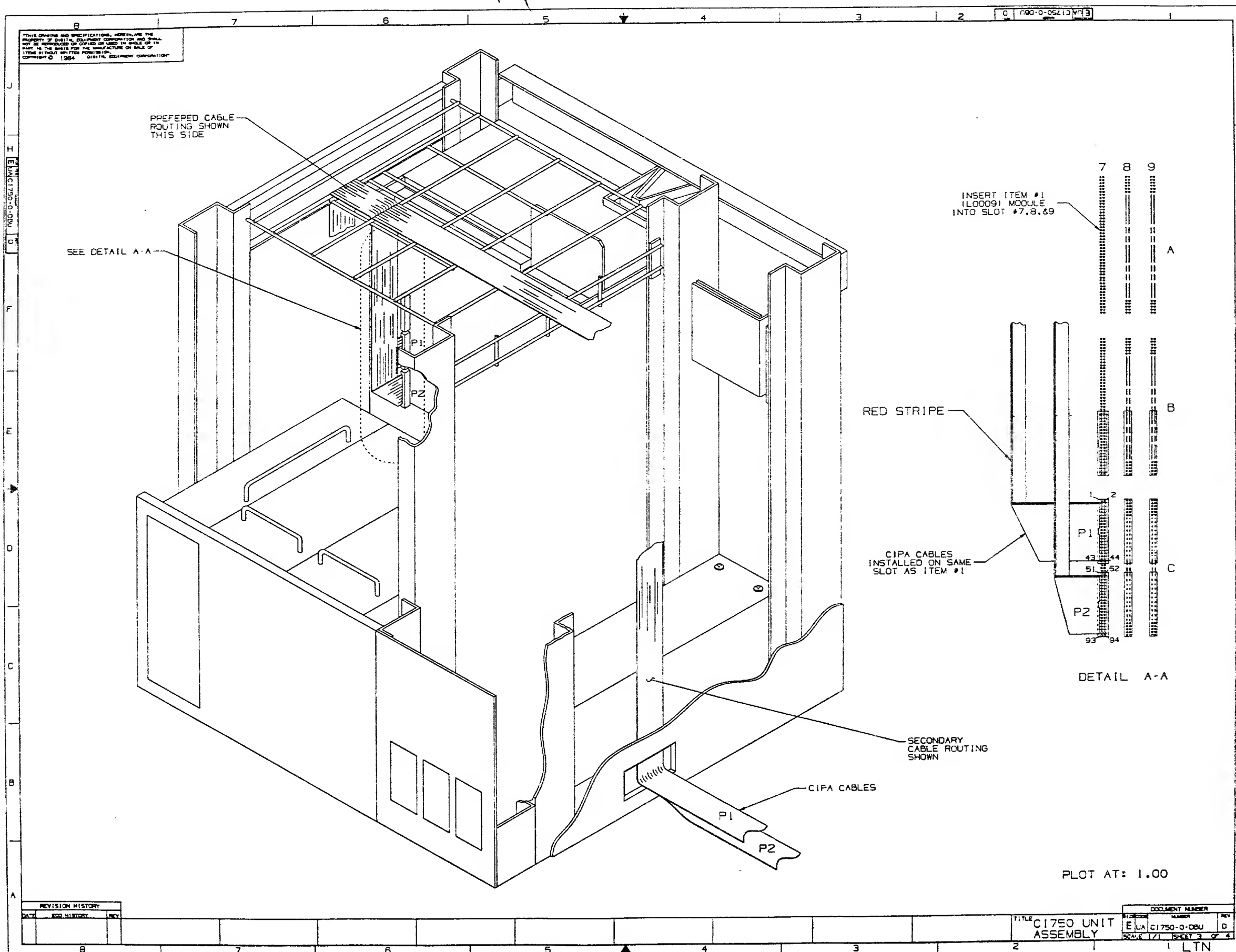
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PLOT AT: .250

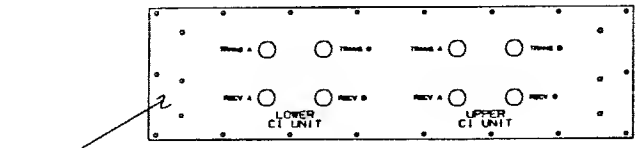
REVISION HISTORY			DOCUMENT NUMBER	
DATE	ECO HISTORY	REV	TITLE	NUMBER
			C1750 UNIT ASSEMBLY	EUA C1750-0-DBU 0
				SCALE 1/4" = 1" SHEET 2 OF 4



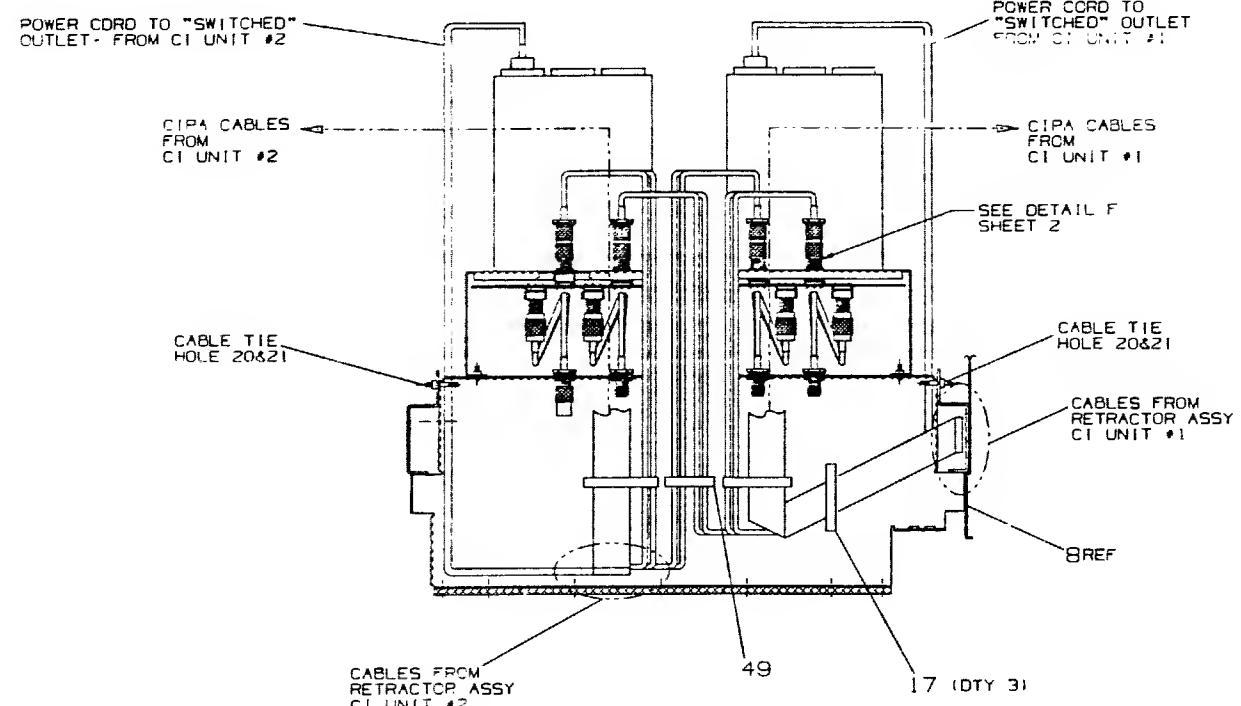


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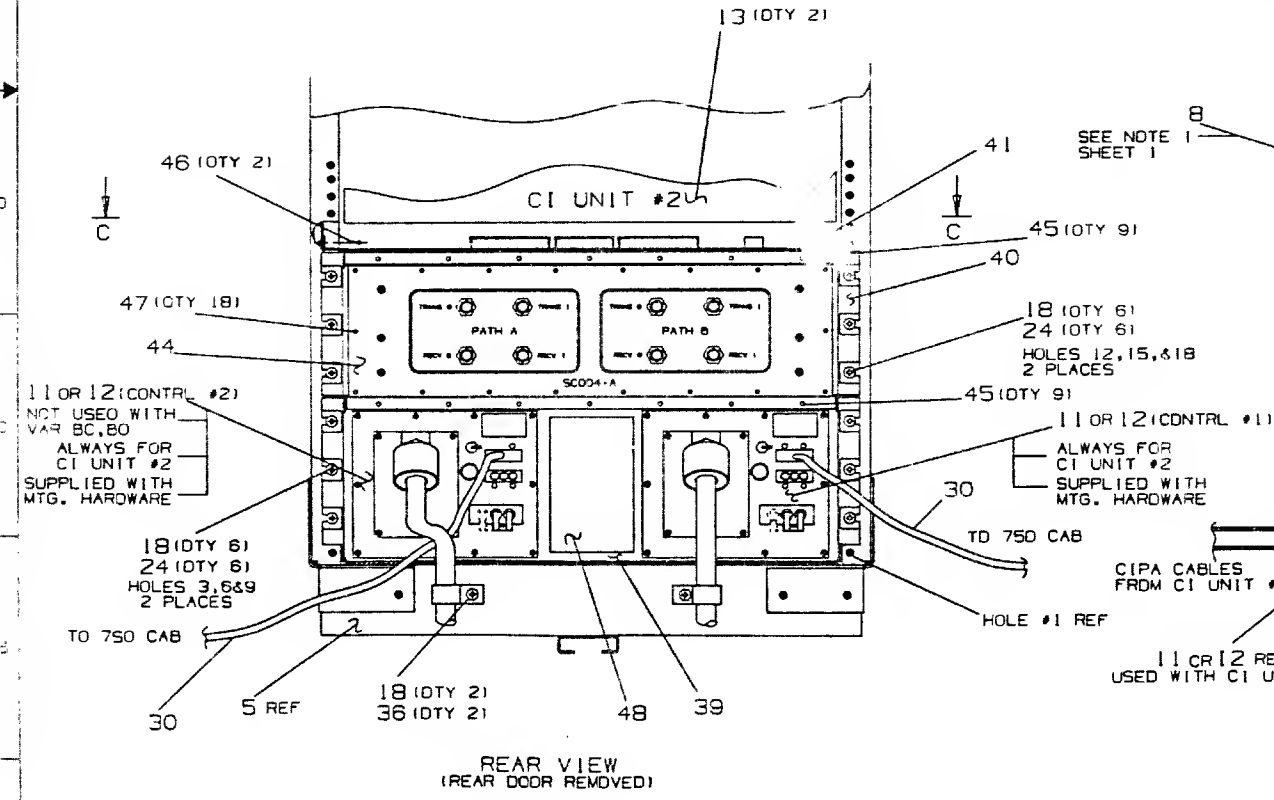
**VARIATIONS -FA/-FB SHOWN**  
 NOTE: IF STAR COUPLER IS TO BE DISCARDED, FRONT PANEL CAN BE REMOVED FROM ASSY AND OPPOSITE SIDE CAN BE USED AS NEW. FCC CR 170 PANEL. PRINTED CONNECTOR INFO ALREADY ON PANEL.  
**VARIATIONS -HA/-HB (NOT SHOWN)**  
 SUBSTITUTE ITEM 43 FOR 44 USING SAME REQUIRED HARDWARE. SEE VIEW "D" FOR CONNECTOR INFO.  
**VARIATIONS -BC/-BD (NOT SHOWN)**  
 SAME AS -HA/-HB, BUT USES SINGLE CI UNIT AT UPPER LEVEL. REPLACE CONTROLLER #2 WITH ITEM 42 USING 45 (OTY 10).



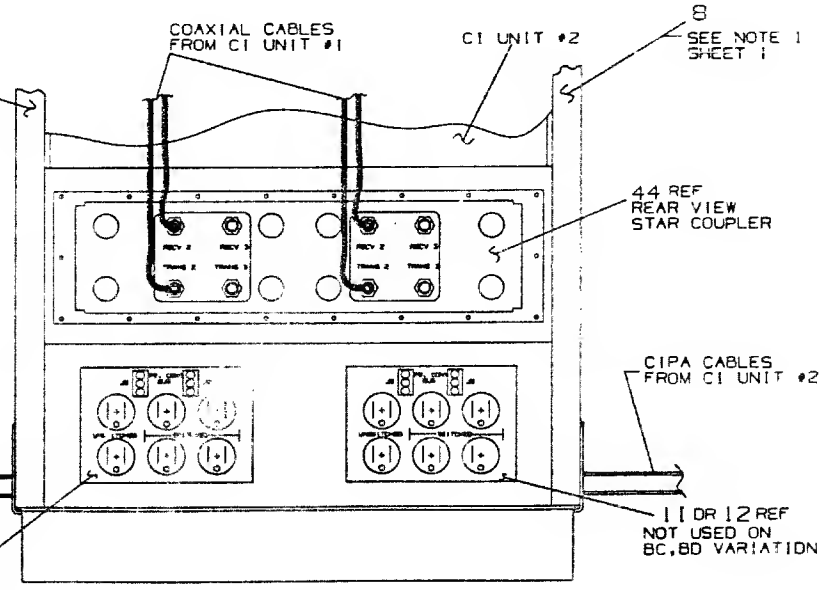
**VIEW "D"**  
 VAR -HA/-HB  
 (SEE DETAIL E, SHEET 2)



**VIEW C-C**



**REAR VIEW**  
 (REAR DOOR REMOVED)



**INSIDE FRONT VIEW**  
 (FRONT DOOR REMOVED)

**VARIATIONS -FA/-FB SHOWN**  
 SEE ABOVE LEFT FOR OTHER VARIATIONS.

PLOT AT: .500

REVISION HISTORY		
DATE	REV.	DESCRIPTION

TITLE		DOCUMENT NUMBER	
CI750 UNIT ASSEMBLY		E UN CI750-0-000	
SCALE: NONE		SHEET 2 OF 4	

AUTOMATED BY PRTLST.40(50)

## P A R T S   L I S T

SHEET A1   OF A2

					QTY PER VARIATION										SHEET AT OF 42			
LINE	ITEM	TOP DOCUMENT	PART NUMBER	MIN REV DESCRIPTION	AA	AB	BA	BB	BC	BD	CA	CB	FA	FB	HA	HB		
					C1	C1	C1	C1	D1	D1	D1	D1	D1	D1	D1	D1		
					VARIATION REVISION LEVEL:													
1	1		L0009-00	CCI (CMI TO CIPA INTERFACE),4-LA	1	1	1	1	1	1	-	-	2	2	2	2		
2	2	E-UA-H9544-E-0	H9544-ET	FRONT DOOR ASSY,SHIELDED,CI750,G	-	-	1	1	1	1	-	-	1	1	1	1		
3	3	A-PS-1700083-0-0	1700083-22	PWR CORD,TERM 3-14 SJT 125	1	-	1	-	1	-	1	-	2	-	2	-		
4	4	A-PS-1700083-0-0	1700083-21	PWR CORD,TERM 3-14 SJT 250	-	1	-	1	-	1	-	1	-	2	-	2		
5	5	E-UA-H9542-F-DBU	H9542-FD	40" FRONT LOADING CAB FRAME (H95	-	-	1	1	1	1	-	-	1	1	1	1		
6	6	E-UA-H9544-A-0	H9544-AE	SHIELDING INSERT,40" END PANEL	-	-	1	1	1	1	-	-	1	1	1	1		
7	7	E-UA-H9544-B-0	H9544-BF	SHIELDED REAR DOOR,40" SINGLE WI	-	-	1	1	1	1	-	-	1	1	1	1		
8	8	E-UA-H9544-J-0	H9544-JE	SHIELDED EXPANDER KIT,40"	-	-	1	1	1	1	-	-	2	2	2	2		
9	9	E-UA-H9544-L-0	H9544-LG	SHIELDED TOP COVER,40" SINGLE WI	-	-	1	1	1	1	-	-	1	1	1	1		
10	10	E-UA-H9544-S-DBU	H9544-SK	PRIMARY BULKHEAD PANEL W 877 POW	-	-	1	1	-	-	-	-	-	-	-	-		
11	11	E-UA-877-0-0	00877-D	120V 24A FILTERED POWER CTL,4 SW	-	-	1	-	1	-	-	-	2	-	2	-		
12	12	E-UA-877-0-0	00877-B	240V 12A FILTERED POWER CTL,4 SW	-	-	-	1	-	1	-	-	-	2	-	2		
13	13	E-AD-7020700-0-DBU	7020700-01	CI750-C ASSEMBLY	1	1	1	1	1	1	1	1	2	2	2	2		
14	14		9007031-00	TIE,CABLE BUNDL.DIA 0- 3/4"=101	6	6	6	6	6	6	-	-	12	12	12	12		
15	15	B-MD-7425168-0-0	7425168-01	BAR, NUT	4	4	4	4	4	4	4	4	8	8	8	8		
16	16	D-MD-7419261-0-0	7419261-00	BRACKET CHASSIS SLIDE	4	4	4	4	4	4	4	4	8	8	8	8		
17	17	A-PS-1215843-0-0	1215843-02	CLIP,FLAT CABLE W/ADHESIVE BK	-	-	1	1	1	1	-	-	3	3	3	3		
18	18		9009700-00	SCREW,SEMS TRUSS PHIL 10-	12	12	17	17	29	29	12	12	42	42	42	42		
19	19		9009617-00	TIE,CABLE BUNDL.DIA 0-3"TYPE=101	-	-	3	3	3	3	-	-	4	4	4	4		
20	20	A-PS-3617880-0-0	3617880-03	LABEL,FCC,CLASS A,PERIPHERAL	-	-	1	1	1	1	-	-	1	1	1	1		
21	21	A-PS-3621986-0-0	3621986-01	LABEL,MECH.FASTENED F/CI750	-	-	2	2	2	2	-	-	2	2	2	2		
22	22	A-PS-3617674-0-0	3617674-01	LABEL,SERIAL/POWER W UL & CSA	-	-	1	1	1	1	-	-	1	1	1	1		
23	23		H9544-HC	KIT OF 1 STABILIZER LEG WITH LEV	-	-	1	1	1	1	-	-	1	1	1	1		
24	24		9007786-00	RETAINER,U-NUT 10-32X	-	-	6	6	12	12	-	-	20	20	20	20		
25	25		9010174-00	SCREW,SEMS PAN PHIL 6-	4	4	4	4	16	16	4	4	8	8	8	8		
26	26		1213686-00	CHASSIS SLIDE SET INCLUDED 1 L.H	1	1	1	1	1	1	1	1	2	2	2	2		
27	27		3700436-10	PKG. CAB H9642/H9645/H9646	-	-	1	1	1	1	-	-	1	1	1	1		
28	28		9006565-00	NUT,HEX EXT TOOTH LCKWSHR 10-32	1	1	1	1	1	1	-	-	2	2	2	2		
29	29		7007006-03	JUMPER H724	1	1	1	1	1	1	1	1	2	2	2	2		
30	30	C-IA-7008288-0-0	7008288-06	CABLE ASSY	1	1	1	1	1	1	1	1	2	2	2	2		

REVISION HISTORY			BASIC PART NO: CI750		DRN: P. MARCOTTE		DATE: 15-MAR-83		D I G I T A L			
ENG	ECO NUMBER	REV	SECTION A OF B		CHK'D: FRANK HALLIDAY		DATE: 15-MAR-83		TITLE PARTS LIST			
---	INITIAL	A	SECTION,VARIATION INDEX						CI750 UNIT ASSY			
RM	CI750-TW001	B	(A)AA,AB,BA,BB,BC,BD,									
BM	CI750-TW002	C	CA,CB,FA,FB,HA,HB									
RM	CI750-LTN03	D	(B)SA,SB		DES.ENG: BOB MONDOR		DATE: 15-MAR-83		DOCUMENT NUMBER			
			(C)						SIZE	CODE	NUMBER	REV
			(D)		RESP.ENG.: BOB MONDOR		DATE: 15-MAR-83		K	PL	CI750-0-DBP	D
			(E)		MFG.ENG.: B SMITH		DATE: 15-MAR-83		RELEASE DATE: 07-MAY-85			
			(F)		ASSEMBLY NUMBER:		TOP DOCUMENT NUMBER:		FILE NAME:		EDIT #	
					E-UA-CI750-0-DBU		E-UA-CI750-0-DBU		Z6524D.PLS		12	

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P A R T S L I S T

SHEET A2 OF A2

LINE	ITEM	TOP DOCUMENT	PART NUMBER	MIN REV	DESCRIPTION	VARIATION REVISION LEVEL:											
						QTY PER VARIATION											
						AA	AB	BA	BB	BC	BD	CA	CB	FA	FB	HA	HB
						C1	C1	C1	C1	D1	D1	D1	D1	D1	D1	D1	D1
31	31		3700731-01		PKG COMPUTER CI750-AA/AB (CUS)	1	1	-	-	-	-	1	1	-	-	-	-
32	32	E-UA-SC008-AA-DBP	SC008-AC		*** THIS ITEM IS NOT USED ***	-	-	-	-	-	-	-	-	-	-	-	-
33	33	K-PL-BNCIA-0-DBP	BNCIA-10		*** THIS ITEM IS NOT USED ***	-	-	-	-	-	-	-	-	-	-	-	-
34	34		9009718-04		GROMMET,STRIP STYRENE	-	-	1	1	1	1	-	-	1	1	1	1
35	35		9009718-00		GROMMET,STRIP STYRENE	-	-	1	1	1	1	-	-	1	1	1	1
36	36		9007087-00		CLAMP,CABLE,SCREW MTD. 5/8 "	-	-	1	1	1	1	-	-	2	2	2	2
37	37		7016995-00		PALLET ASSY.	-	-	REF	REF	REF	REF	-	-	REF	REF	REF	REF
38	38		9010174-01		SCREW,SEMS PAN PHIL 8-	8	8	8	8	8	8	8	8	16	16	16	16
39	39	D-AD-7022192-0-DBU	7022192-01		FRAME ASSY, POWER CONTROL MOUNT	-	-	-	-	1	1	-	-	1	1	1	1
40	40	E-IA-7431233-0-DBU	7431233-01		FRAME,MOUNTING,SC4	-	-	-	-	1	1	-	-	1	1	1	1
41	41	E-AD-7019794-0-DBU	7019794-00		COVER, I/O SHIELD ASSY	-	-	-	-	1	1	-	-	1	1	1	1
42	42	C-MD-7431439-0-DBU	7431439-01		PLATE,CONTROLLER	-	-	-	-	1	1	-	-	-	-	-	-
43	43	E-IA-7431440-0-DBU	7431440-01		PANEL,FRONT,SC4	-	-	-	-	1	1	-	-	-	-	1	1
44	44	E-AD-7022193-0-DBU	7022193-01		STAR COUPLER ASSY	-	-	-	-	-	-	-	-	1	1	-	-
45	45		9010155-00		SCREW,SEMS PAN PHIL 6-	-	-	-	-	28	28	-	-	18	18	18	18
46	46		9010253-00		SCREW,SEMS PAN PHIL 10-	-	-	-	-	2	2	-	-	2	2	2	2
47	47		9009546-00		SCREW,SEMS PAN PHIL 4-	-	-	-	-	18	18	-	-	18	18	18	18
48	48	A-PS-3624195-0-0	3624195-01		LABEL,CAUTION,MULTI POWER CORDS	-	-	-	-	-	-	-	-	1	1	1	1
49	49	A-PS-1215843-0-0	1215843-00		CLIP,FLAT CABLE W/ADHESIVE BK	-	-	-	-	1	1	-	-	1	1	1	1
50	50	K-PL-7022467-0-DBP	7022467-01		SHIPLIST CI750	1	1	1	1	1	1	1	1	1	1	1	1
51	51	B-MD-7432233-0-DBU	7432233-01		BRACKET,LOCKING	-	-	2	2	2	2	-	-	4	4	4	4
52	52		9006075-03		SCREW,MACH TRUSS PHIL 10-	-	-	2	2	2	2	-	-	4	4	4	4
53	53		9007651-00		WASHER,LOCK EXTERNAL STEEL	-	-	2	2	2	2	-	-	4	4	4	4
54	54		9007906-01		*** THIS ITEM IS NOT USED ***	-	-	-	-	-	-	-	-	-	-	-	-

D	I	G	I	T	A	L	TITLE	SECTION A OF B	SIZE	CODE	DOCUMENT NUMBER	REV
							CI750 UNIT ASSY		K	PL	CI750-0-DBP	D

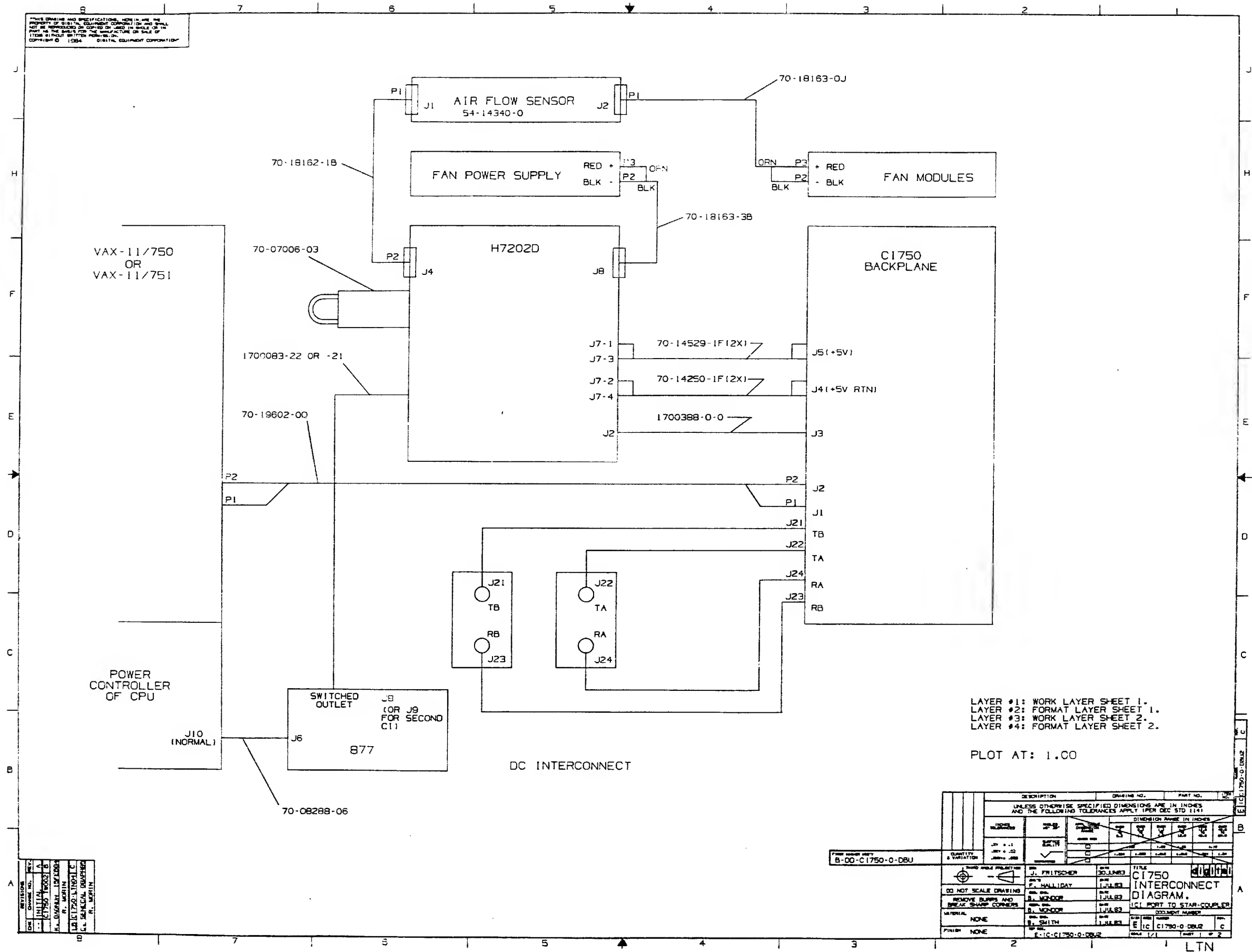
MIN						QTY PER VARIATION	
LINE	ITEM	TOP DOCUMENT	PART NUMBER	REV	DESCRIPTION	SA	SB
VARIATION REVISION LEVEL:						C1	C1
1	1		L0009-00		CCI (CMI TO CIPA INTERFACE),4-LA	2	2
2	2	E-UA-H9544-E-0	H9544-ET		FRONT DOOR ASSY,SHIELDED,CI750,G	2	2
3	3	A-PS-1700083-0-0	1700083-22		PWR CORD,TERM 3-14 SJT 125	2	-
4	4	A-PS-1700083-0-0	1700083-21		PWR CORD,TERM 3-14 SJT 250	-	2
5	5	E-UA-H9542-F-DBU	H9542-FD		40" FRONT LOADING CAB FRAME (H95	2	2
6	6	E-UA-H9544-A-0	H9544-AE		SHIELDING INSERT,40" END PANEL	2	2
7	7	E-UA-H9544-B-0	H9544-BF		SHIELDED REAR DOOR,40" SINGLE WI	2	2
8	8	E-UA-H9544-J-0	H9544-JE		SHIELDED EXPANDER KIT,40"	2	2
9	9	E-UA-H9544-L-0	H9544-LG		SHIELDED TOP COVER,40" SINGLE WI	2	2
10	10	E-UA-H9544-S-DBU	H9544-SK		PRIMARY BULKHEAD PANEL W 877 POW	2	2
11	11	E-UA-877-0-0	00877-D		120V 24A FILTERED POWER CTL,4 SW	2	-
12	12	E-UA-877-0-0	00877-B		240V 12A FILTERED POWER CTL,4 SW	-	2
13	13	E-AD-7020700-0-DBU	7020700-01		CI750-C ASSEMBLY	2	2
14	14		9007031-00		TIE,CABLE BUNDL.DIA 0- 3/4"=101	12	12
15	15	B-MD-7425168-0-0	7425168-01		BAR, NUT	8	8
16	16	D-MD-7419261-0-0	7419261-00		BRACKET CHASSIS SLIDE	8	8
17	17	A-PS-1215843-0-0	1215843-02		CLIP,FLAT CABLE W/ADHESIVE BK	2	2
18	18		9009700-00		SCREW,SEMS TRUSS PHIL 10-	34	34
19	19		9009617-00		TIE,CABLE BUNDL.DIA 0-3"TYPE=101	6	6
20	20	A-PS-3617880-0-0	3617880-03		LABEL,FCC,CLASS A,PERIPHERAL	2	2
21	21	A-PS-3621986-0-0	3621986-01		LABEL,MECH.FASTENED F/CI750	4	4
22	22	A-PS-3617674-0-0	3617674-01		LABEL,SERIAL/POWER W UL & CSA	2	2
23	23		H9544-HC		KIT OF 1 STABILIZER LEG WITH LEV	2	2
24	24		9007786-00		RETAINER,U-NUT 10-32X	12	12
25	25		9010174-00		SCREW,SEMS PAN PHIL 6-	8	8
26	26		1213686-00		CHASSIS SLIDE SET INCLUDED 1 L.H	2	2
27	27		3700436-10		PKG. CAB H9642/H9645/H9646	2	2
28	28		9006565-00		NUT,HEX EXT TOOTH LCKWSHR 10-32	2	2
29	29		7007006-03		JUMPER H724	2	2
30	30	C-IA-7008288-0-0	7008288-06		CABLE ASSY	2	2

REVISION HISTORY			BASIC PART NO: CI750		DRN:	P. MARCOTTE	DATE:	15-MAR-83	D I G I T A L			
ENG	ECO NUMBER	REV	SECTION B OF B									
---	INITIAL	A	SECTION VARIATION INDEX		CHK'D:	FRANK HALLIDAY	DATE:	15-MAR-83	TITLE PARTS LIST			
RM	CI750-TW001	B	{A}AA,AB,BA,BB,BC,BD,						CI750 UNIT ASSY			
BM	CI750-TW002	C	CA,CB,FA,FB,HA,HB									
RM	CI750-LTN03	D	{B}SA,SB		DES.ENG:	BOB MONDOR	DATE:	15-MAR-83	DOCUMENT NUMBER			
			{C}						SIZE	CODE	NUMBER	REV
			{D}		RESP.ENG.:	BOB MONDOR	DATE:	15-MAR-83	K	PL	CI750-0-DBP	D
			{E}		MFG.ENG.:	B SMITH	DATE:	15-MAR-83	RELEASE DATE: 07-MAY-85			
			{F}		ASSEMBLY NUMBER:		TOP DOCUMENT NUMBER:		FILE NAME:		EDIT #	
					E-UA-CI750-0-DBU		E-UA-CI750-0-DBU		Z6524D.PLS		12	

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LINE	ITEM	TOP DOCUMENT	PART NUMBER	MIN REV	DESCRIPTION	VARIATION	
						SA	SB
VARIATION REVISION LEVEL:						C1	C1
31	31		3700731-01		*** THIS ITEM IS NOT USED ***	-	-
32	32	E-UA-SC008-AA-DBP	SC008-AC		SC008-AA + SC008-AB	1	1
33	33	K-PL-BNCIA-O-DBP	BNCIA-10		1 PAIR OF BNCI-10 (4 CABLES)	2	2
34	34		9009718-04		GROMMET,STRIP STYRENE	2	2
35	35		9009718-00		GROMMET,STRIP STYRENE	2	2
36	36		9007087-00		CLAMP,CABLE,SCREW MTD. 5/8 "	2	2
37	37		7016995-00		PALLET ASSY.	REF	REF
38	38		9010174-01		SCREW,SEMS PAN PHIL 8-	16	16
39	39	D-AD-7022192-0-DBU	7022192-01		*** THIS ITEM IS NOT USED ***	-	-
40	40	E-IA-7431233-0-DBU	7431233-01		*** THIS ITEM IS NOT USED ***	-	-
41	41	E-AD-7019794-0-DBU	7019794-00		*** THIS ITEM IS NOT USED ***	-	-
42	42	C-MD-7431439-0-DBU	7431439-01		*** THIS ITEM IS NOT USED ***	-	-
43	43	E-IA-7431440-0-DBU	7431440-01		*** THIS ITEM IS NOT USED ***	-	-
44	44	E-AD-7022193-0-DBU	7022193-01		*** THIS ITEM IS NOT USED ***	-	-
45	45		9010155-00		*** THIS ITEM IS NOT USED ***	-	-
46	46		9010253-00		*** THIS ITEM IS NOT USED ***	-	-
47	47		9009546-00		*** THIS ITEM IS NOT USED ***	-	-
48	48	A-PS-3624195-0-0	3624195-01		*** THIS ITEM IS NOT USED ***	-	-
49	49	A-PS-1215843-0-0	1215843-00		*** THIS ITEM IS NOT USED ***	-	-
50	50	K-PL-7022467-0-DBP	7022467-01		SHIPLIST CI750	1	1
51	51	B-MD-7432233-0-DBU	7432233-01		BRACKET,LOCKING	4	4
52	52		9006075-03		SCREW,MACH TRUSS PHIL 10-	4	4
53	53		9007651-00		WASHER,LOCK EXTERNAL STEEL	4	4
54	54		9007906-00		*** THIS ITEM IS NOT USED ***	-	-

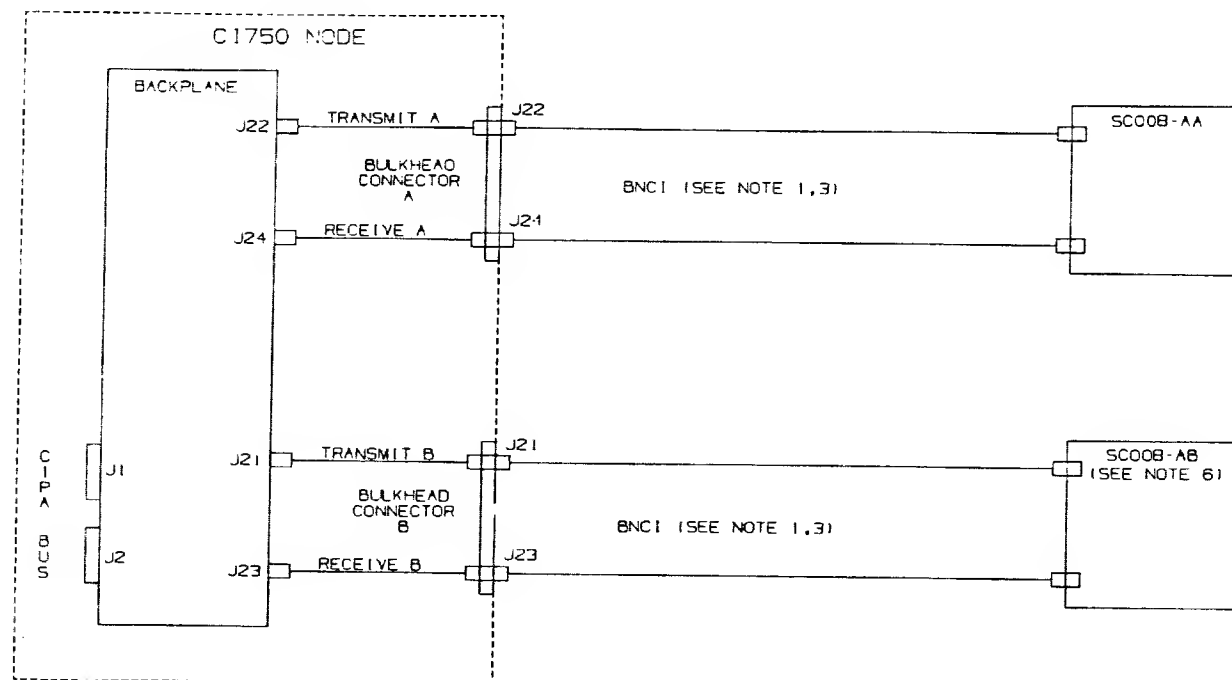
D	I	G	I	T	A	L	TITLE	SECTION B OF B	SIZE	CODE	DOCUMENT NUMBER	REV
							CI750 UNIT ASSY		K	PL	CI750-O-DBP	D



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# NOTES:

1. A BNCI CONSISTS OF TWO CABLES (1 TRANSMIT (TX), 1 RECEIVE (RX)).
2. SYSTEM SHOWN IS DUAL PATH. BOTH SCOOB'S ARE MOUNTED IN THE SAME CABINET.
3. BNCI CABLE ID TAGS (36188081) ARE COMPLETED WITH NODE, PATH AND CLUSTER INFORMATION AT SYSTEM CONFIGURATION TIME.
4. FOR VAX I/O PANEL CONNECTOR LOCATIONS SEE DRAWING E-UA-C1750.
5. FOR STAR COUPLER CONNECTOR LOCATIONS SEE DRAWING E-UA-SCOOB.
6. SCOOB-AB OPTION IS REQUIRED FOR DUAL PATH CONFIGURATION.



NODE	FROM C1750	TO SCOOB	DESCRIPTION
0	J22	T1A10	TRANSMIT PATH A
	J24	R1A10	RECEIVE PATH A
	J21	T1B10	TRANSMIT PATH B
	J23	R1B10	RECEIVE PATH B
1	J22	T1A11	SAME AS NODE 0
	J24	R1A11	
	J21	T1B11	
	J23	R1B11	
2	J22	T1A12	SAME AS NODE 0
	J24	R1A12	
	J21	T1B12	
	J23	R1B12	
3	J22	T1A13	SAME AS NODE 0
	J24	R1A13	
	J21	T1B13	
	J23	R1B13	
4	J22	T1A14	SAME AS NODE 0
	J24	R1A14	
	J21	T1B14	
	J23	R1B14	
5	J22	T1A15	SAME AS NODE 0
	J24	R1A15	
	J21	T1B15	
	J23	R1B15	
6	J22	T1A16	SAME AS NODE 0
	J24	R1A16	
	J21	T1B16	
	J23	R1B16	
7	J22	T1A17	SAME AS NODE 0
	J24	R1A17	
	J21	T1B17	
	J23	R1B17	

TABLE 1  
8 NODE DUAL PATH  
INTERCONNECT TABLE

NODE	FROM C1750	TO SCOOB	DESCRIPTION
0-7	SAME AS TABLE 1		
8	J22	T1A18	TRANSMIT PATH A
	J24	R1A18	RECEIVE PATH A
	J21	T1B18	TRANSMIT PATH B
	J23	R1B18	RECEIVE PATH B
9	J22	T1A19	SAME AS NODE 8
	J24	R1A19	
	J21	T1B19	
	J23	R1B19	
10	J22	T1A110	SAME AS NODE 8
	J24	R1A110	
	J21	T1B110	
	J23	R1B110	
11	J22	T1A111	SAME AS NODE 8
	J24	R1A111	
	J21	T1B111	
	J23	R1B111	
12	J22	T1A112	SAME AS NODE 8
	J24	R1A112	
	J21	T1B112	
	J23	R1B112	
13	J22	T1A113	SAME AS NODE 8
	J24	R1A113	
	J21	T1B113	
	J23	R1B113	
14	J22	T1A114	SAME AS NODE 8
	J24	R1A114	
	J21	T1B114	
	J23	R1B114	
15	J22	T1A115	SAME AS NODE 8
	J24	R1A115	
	J21	T1B115	
	J23	R1B115	

TABLE 2  
16 NODE DUAL PATH  
INTERCONNECT TABLE

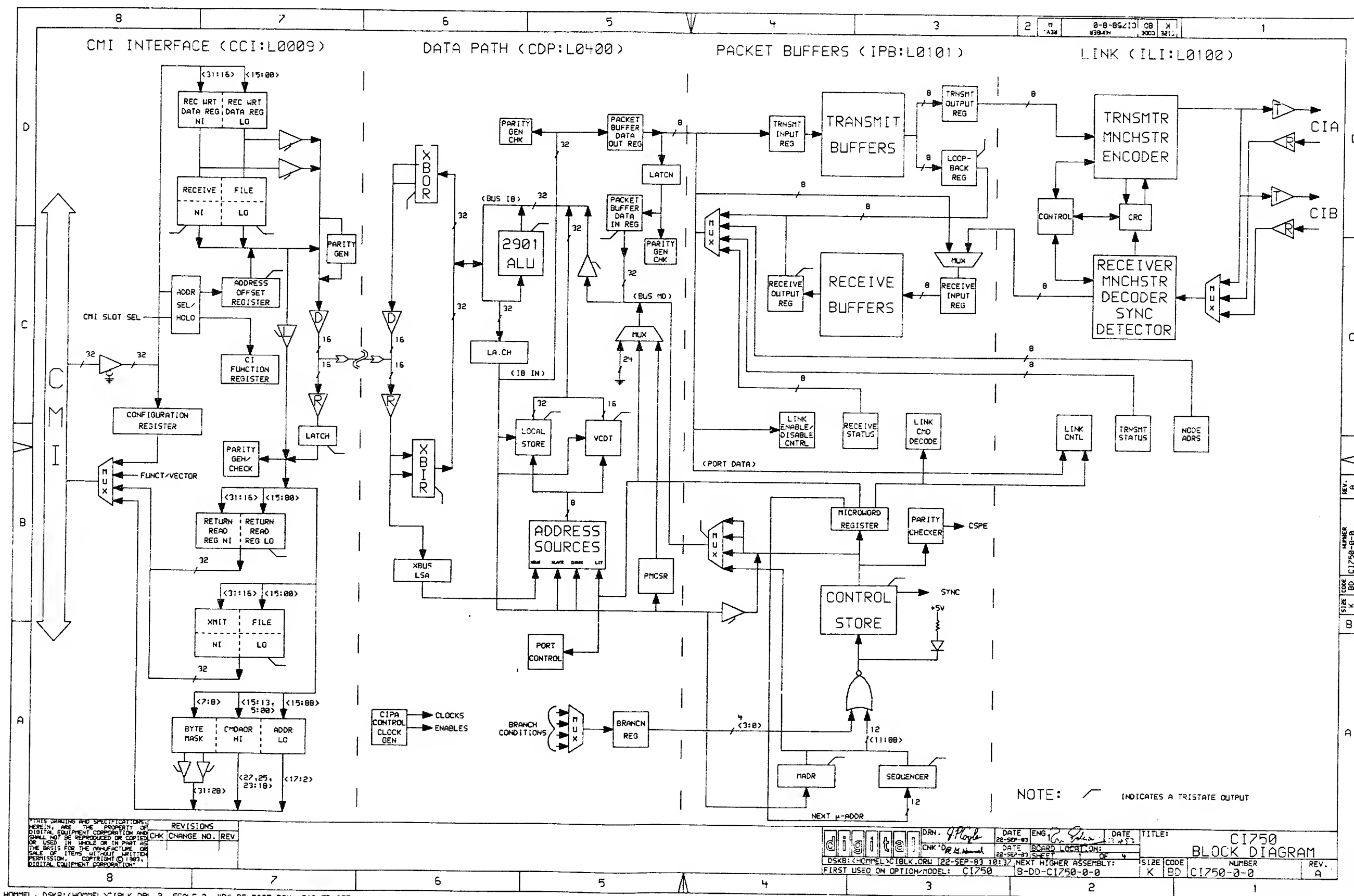
PLOT AT: 1.00

REVISION HISTORY		
DATE	BY	REVISION

TITLE C1750  
INTERCONNECT  
DIAGRAM

DOCUMENT NUMBER  
E1C1750-0-DBU2 C  
SCALE NONE SHEET 2 OF 2





NOTE:  
1. X - 4,6,8,A,C,E

SEE NOTE  
F3X000 (CNFGR) CONFIGURATION

31	30	29	28	27	26	25	24	23	22	21	20	19	18	17	16	15	14	13	12	11	10	09	08	07	06	05	04	03	02	01	00
0	0	0	0	0	0	0	0	PON	PUP	0	NXM	RLTO	0	UCE	CRO	CBPE	DIAG	CTO	NO CIPA	0	T ACLO	T OCLO	PFD	0	0	1	1	1	0	0	0
<div><div>BIT</div><div>FUNCTION</div><div>31:24</div><div>RESERVED AND READ AS 0</div><div>23</div><div>ADAPTER POWER DOWN</div><div>22</div><div>ADAPTER POWER UP</div><div>21</div><div>RESERVED AND READ AS 0</div><div>20</div><div>NON EXISTENT MEMORY RESPONSE</div><div>19</div><div>READ-LOCK TRANSFER TIME OUT</div><div>18</div><div>RESERVED AND READ AS 0</div><div>17</div><div>UNCORRECTABLE DATA ERROR RESPONSE</div><div>16</div><div>CORRECTED READ DATA</div><div>15</div><div>CIPA PARITY ERROR</div><div>14</div><div>DIAGNOSE</div><div>13</div><div>CIPA TIME OUT</div><div>12</div><div>NO CIPA</div><div>11</div><div>RESERVED AND READ AS 0</div><div>10</div><div>TRANSMIT ACLO</div><div>09</div><div>TRANSMIT OCLO</div><div>08</div><div>POWER FAIL DISABLE</div><div>07:00</div><div>ADAPTER CODE (30 HEX)</div></div>																															

F3X004 (PHCSR) PORT MAINTENANCE CONTROL AND STATUS

31	30	29	28	27	26	25	24	23	22	21	20	19	18	17	16	15	14	13	12	11	10	09	08	07	06	05	04	03	02	01	00					
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	PE	CSPE	LSPE	ROPE	XNPE	CBPE	OPE	XOPE	UNIN	PSA	RSVD	WP	MIF	MIE	MTD	MIN					
BIT FUNCTION																	BIT FUNCTION										BIT FUNCTION									
15	PARITY ERROR							09	OUTPUT PARITY ERROR							04	WRONG PARITY																			
14	CONTROL STORE PARITY ERROR							08	TRANSMIT BUFFER PARITY ERROR							03	MAINTENANCE INTERRUPT FLAG																			
13	LOCAL STORE PARITY ERROR							07	UNINITIALIZED STATE							02	MAINTENANCE INTERRUPT ENABLE																			
12	RECEIVE BUFFER PARITY ERROR							06	PROGRAMMABLE STARTING ADDRESS							01	MAINTENANCE TIMER DISABLE																			
11	TRANSMIT BUFFER PARITY ERROR							05	RESERVED							00	MAINTENANCE INITIALIZE																			
10	CIPA BUS PARITY ERROR																																			

F3X014 (MADR) MAINTENANCE ADDRESS

31	30	29	28	27	26	25	24	23	22	21	20	19	18	17	16	15	14	13	12	11	10	09	08	07	06	05	04	03	02	01	00
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0													
MAINTENANCE CONTROL STORE ADDRESS <12:00>																															

F3X018 (MDATR) MAINTENANCE DATA

31	30	29	28	27	26	25	24	23	22	21	20	19	18	17	16	15	14	13	12	11	10	09	08	07	06	05	04	03	02	01	00
MAINTENANCE CONTROL STORE DATA <31:00>																															

W F3X020 COMMAND/ADDRESS HI  
CMD/ADDR HI (IN DIAGNOSE MODE ONLY)

31	30	29	28	27	26	25	24	23	22	21	20	19	18	17	16	15	14	13	12	11	10	09	08	07	06	05	04	03	02	01	00
F1	F0	F2	DON'T CARE										ADDR 23	ADDR 22	ADDR 21	ADDR 20	ADDR 19	ADDR 18	DON'T CARE												

W F3X024 ADDRESS LO REGISTER  
ADDR LO (IN DIAGNOSE MODE ONLY)

31	30	29	28	27	26	25	24	23	22	21	20	19	18	17	16	15	14	13	12	11	10	09	08	07	06	05	04	03	02	01	00		
DON'T CARE																ADDR 17	ADDR 16	ADDR 15	ADDR 14	ADDR 13	ADDR 12	ADDR 11	ADDR 10	ADDR 09	ADDR 08	ADDR 07	ADDR 06	ADDR 05	ADDR 04	ADDR 03	ADDR 02	ADDR 01	ADDR 00

W F3X02C BYTE MASK REGISTER  
BYTE MASK (IN DIAGNOSE MODE ONLY)

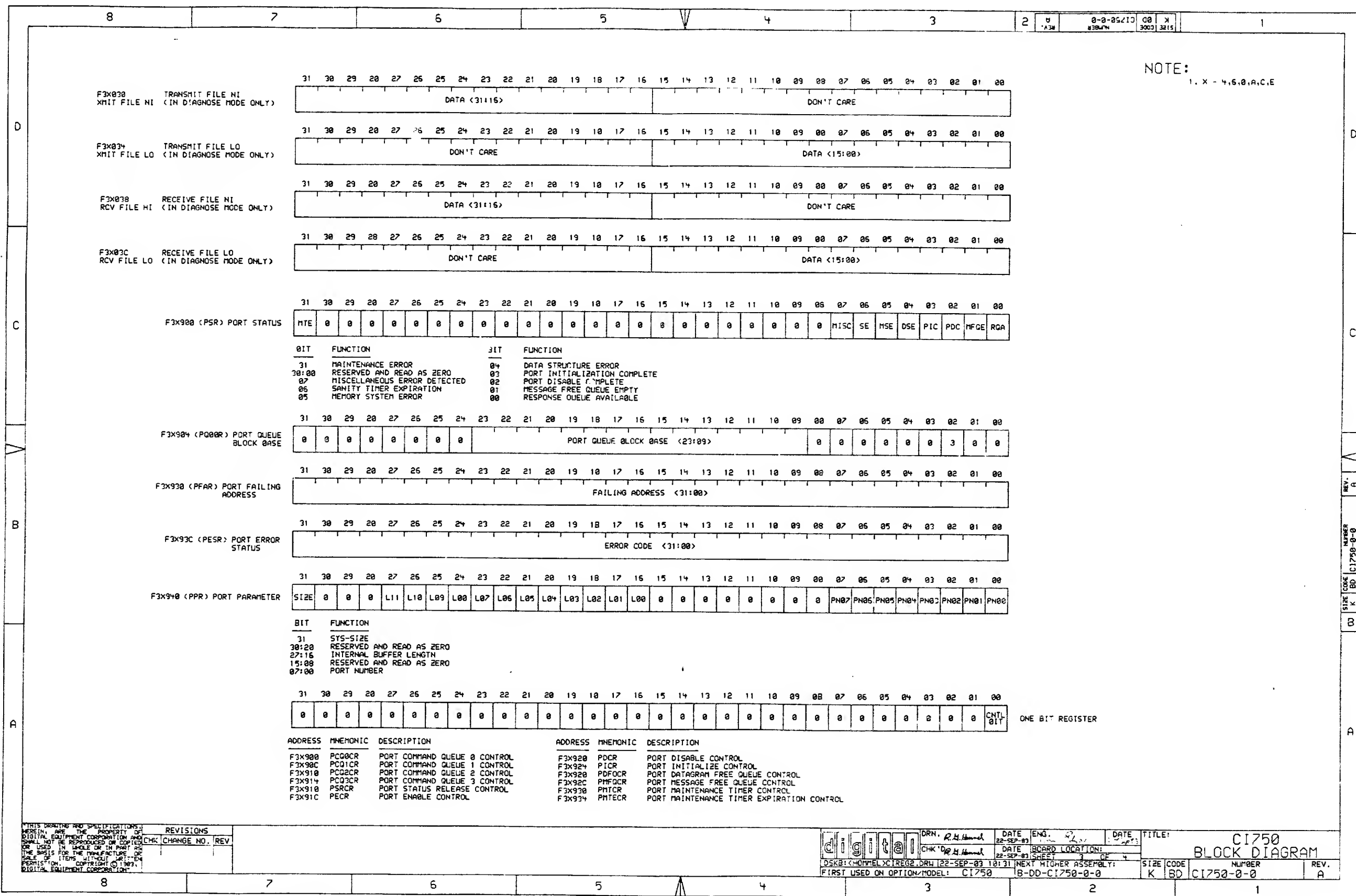
31	30	29	28	27	26	25	24	23	22	21	20	19	18	17	16	15	14	13	12	11	10	09	08	07	06	05	04	03	02	01	00
DON'T CARE																								BM 7	BM 6	BM 5	BM 4	BM 3	BM 2	BM 1	BM 0

R F3X020 } COMMAND ADDRESS  
R F3X024 } (IN DIAGNOSE MODE ONLY)  
R F3X02C }  
CMDADDR

31	30	29	28	27	26	25	24	23	22	21	20	19	18	17	16	15	14	13	12	11	10	09	08	07	06	05	04	03	02	01	00
BM 7	BM 6	BM 5	BM 4	F2	0	F0	0	ADDRESS BITS <23:02>																		DON'T					

REVISIONS		CHK	CHANGE NO.	REV
1				

digital		DRN. R. L. HANDEL	DATE ENG. 22-SEP-83	DATE 22-SEP-83	TITLE: CI750 BLOCK DIAGRAM
CHK'D R. L. HANDEL		DATE 22-SEP-83	DATE 22-SEP-83	DATE 22-SEP-83	DATE 22-SEP-83
DSKB: (CHMEL) CIREG3.DPL.1		22-SEP-83 10:28	NEXT HIGHER ASSEMBLY:		SIZE CODE K 80
FIRST USED ON OPTION/MODEL: CI750		B-DD-CI750-0-0		NUMBER 1	
				REV. A	



# CCI BACKPLANE PINNING SLOTS (7, 8, OR 9) OF CPU BACKPLANE

## BACKPLANE ROW A

(NOT USED)	A1	A2	+12 V
(NOT USED)	A3	A4	(NOT USED)
(NOT USED)	A5	A6	(NOT USED)
(NOT USED)	A7	A8	(NOT USED)
(NOT USED)	A9	A10	(NOT USED)
+2.5 V	A11	A12	(NOT USED)
(NOT USED)	A13	A14	(NOT USED)
(NOT USED)	A15	A16	(NOT USED)
(NOT USED)	A17	A18	(NOT USED)
(NOT USED)	A19	A20	+5.0 V
(NOT USED)	A21	A22	(NOT USED)
GND	A23	A24	GND
(NOT USED)	A25	A26	(NOT USED)
(NOT USED)	A27	A28	(NOT USED)
+2.5 V	A29	A30	(NOT USED)
(NOT USED)	A31	A32	(NOT USED)
(NOT USED)	A33	A34	(NOT USED)
(NOT USED)	A35	A36	(NOT USED)
(NOT USED)	A37	A38	+5.0 V
(NOT USED)	A39	A40	(NOT USED)
(NOT USED)	A41	A42	(NOT USED)
GND	A43	A44	GND
CHI SLOW ENA L	A45	A46	CHI SLOT SEL 2 H
+2.5 V	A47	A48	(NOT USED)
(NOT USED)	A49	A50	(NOT USED)
GND	A51	A52	GND
CHI SLOT SEL B H	A53	A54	CHI SLOT SEL 1 N
CHI ARB 5 L	A55	A56	(NOT USED)
ARB OUT 1A L	A57	A58	+5.0 V
CHI ARB 6 L	A59	A60	ARB IN 1 (A) L
ARB IN B (A) L	A61	A62	CHI ARB 3 L
CHI ARB 2 L	A63	A64	ARB OUT (A) L
+2.5 V	A65	A66	CHI ARB 1 L
UBUS 004 (A) H	A67	A68	UBUS 004 (A+1) H
UBUS 005 (A) H	A69	A70	UBUS 005 (A+1) H
GND	A71	A72	GND
UBUS 006 (A) H	A73	A74	UBUS 006 (A+1) H
(NOT USED)	A75	A76	+5.0 V
UBUS 007 (A) H	A77	A78	UBUS 007 (A+1) H
UBUS 004 L	A79	A80	UBUS 005 L
UBUS 006 L	A81	A82	UBUS 007 L
+2.5 V	A83	A84	CHI ARB 1 L
CHI ARB 2 L	A85	A86	CHI ARB 3 L
CHI ARB 4 L	A87	A88	CHI ARB 5 L
CHI ARB 6 L	A89	A90	CHI ARB 7 L
-15 V	A91	A92	CHI HOLD L
CHI WAIT L	A93	A94	+5.0 V

## BACKPLANE ROW B

CHI DATA B H	B1	B2	+12.0 V
CHI DATA 1 N	B3	B4	CHI DATA 2 N
CHI DATA 3 H	B5	B6	CHI DATA 4 N
CHI DATA 5 H	B7	B8	CHI DATA 6 H
CHI DATA 7 H	B9	B10	CHI DATA 8 H
+2.5 V	B11	B12	CHI DATA 9 H
CHI DATA 10 H	B13	B14	CHI DATA 11 H
CHI DATA 12 H	B15	B16	CHI DATA 13 H
CHI DATA 14 N	B17	B18	CHI DATA 15 H
CHI DATA 16 H	B19	B20	+5.0 V
CHI DATA 17 H	B21	B22	CHI DATA 18 H
GND	B23	B24	GND
CHI DATA 19 N	B25	B26	CHI DATA 20 N
CHI DATA 21 N	B27	B28	CHI DATA 22 N
+2.5 V	B29	B30	CHI DATA 23 H
CHI DATA 24 N	B31	B32	CHI DATA 25 N
CHI DATA 26 N	B33	B34	CHI DATA 27 H
CHI DATA 28 N	B35	B36	CHI DATA 29 N
CHI DATA 30 H	B37	B38	+5.0 V
CHI DATA 31 H	B39	B40	CHI STATUS 00 L
CHI STATUS 01 L	B41	B42	CHI DBB2 L
GND	B43	B44	GND
DPH17 B CLK L	B45	B46	+5.0 V
+2.5 V	B47	B48	RC512 CPU LB REG L
+2.5 V	B49	B50	+5.0 V
GND	B51	B52	GND
(NOT USED)	B53	B54	(NOT USED)
(NOT USED)	B55	B56	(NOT USED)
(NOT USED)	B57	B58	(NOT USED)
(NOT USED)	B59	B60	(NOT USED)
(NOT USED)	B61	B62	(NOT USED)
(NOT USED)	B63	B64	(NOT USED)
(NOT USED)	B65	B66	(NOT USED)
(NOT USED)	B67	B68	(NOT USED)
(NOT USED)	B69	B70	(NOT USED)
(NOT USED)	B71	B72	(NOT USED)
(NOT USED)	B73	B74	(NOT USED)
(NOT USED)	B75	B76	(NOT USED)
(NOT USED)	B77	B78	(NOT USED)
(NOT USED)	B79	B80	(NOT USED)
(NOT USED)	B81	B82	(NOT USED)
(NOT USED)	B83	B84	(NOT USED)
(NOT USED)	B85	B86	(NOT USED)
(NOT USED)	B87	B88	(NOT USED)
(NOT USED)	B89	B90	(NOT USED)
(NOT USED)	B91	B92	GND
BUS 2 AVAILABLE H	B93	B94	+5.0 V

## BACKPLANE ROW C

BUS 2 AV GRANT H	C1	C2	+12.0 V
CIPA RSVD A L	C3	C4	CIPA CABLE GND
CIPA CPU ACLO L	C5	C6	CIPA CABLE GND
CIPA DCLO L	C7	C8	CIPA CABLE GND
CIPA SET MSE L	C9	C10	CIPA CABLE GND
CIPA PARITY L	C11	C12	CIPA CABLE GND
CIPA MIN L	C13	C14	CIPA CABLE GND
CIPA ERROR L	C15	C16	CIPA CABLE GND
CIPA DATA 00 L	C17	C18	CIPA CABLE GND
CIPA DATA 01 L	C19	C20	CIPA CABLE GND
CIPA DATA 10 L	C21	C22	CIPA CABLE GND
CIPA DATA 11 L	C23	C24	CIPA CABLE GND
CIPA DATA 12 L	C25	C26	CIPA CABLE GND
CIPA DATA 13 L	C27	C28	CIPA CABLE GND
CIPA DATA 14 L	C29	C30	CIPA CABLE GND
CIPA DATA 15 L	C31	C32	CIPA CABLE GND
CIPA REG SEL 0 L	C33	C34	CIPA CABLE GND
CIPA REG SEL 1 L	C35	C36	CIPA CABLE GND
CIPA REG SEL 2 L	C37	C38	CIPA CABLE GND
CIPA REG SEL 3 L	C39	C40	CIPA CABLE GND
CIPA CLK L	C41	C42	GND
GND	C43	C44	GND
UBUS ACLO L	C45	C46	+5.0 V
+2.5 V	C47	C48	UBUS INIT L
+2.5 V	C49	C50	+5.0 V
GND	C51	C52	GND
CIPA RSVD B L	C53	C54	CIPA T ACLO L
CIPA CABLE GND	C55	C56	CIPA T DCLO L
CIPA CABLE GND	C57	C58	CIPA CIPA UP L
CIPA CABLE GND	C59	C60	CIPA DATA 00 L
CIPA CABLE GND	C61	C62	CIPA DATA 01 L
CIPA CABLE GND	C63	C64	CIPA DATA 02 L
CIPA CABLE GND	C65	C66	CIPA DATA 03 L
CIPA CABLE GND	C67	C68	CIPA DATA 04 L
CIPA CABLE GND	C69	C70	CIPA DATA 05 L
CIPA CABLE GND	C71	C72	CIPA DATA 06 L
CIPA CABLE GND	C73	C74	CIPA DATA 07 L
CIPA CABLE GND	C75	C76	CIPA READ L
CIPA CABLE GND	C77	C78	CIPA REQUEST L
CIPA CABLE GND	C79	C80	CIPA A DONE L
CIPA CABLE GND	C81	C82	CIPA B DONE L
CIPA CABLE GND	C83	C84	CIPA GRANT L
CIPA CABLE GND	C85	C86	CIPA PORT INT L
CIPA CABLE GND	C87	C88	CIPA B GO L
CIPA CABLE GND	C89	C90	CIPA A GO L
CIPA CABLE GND	C91	C92	GND
UBUS DCLO L	C93	C94	+5.0 V

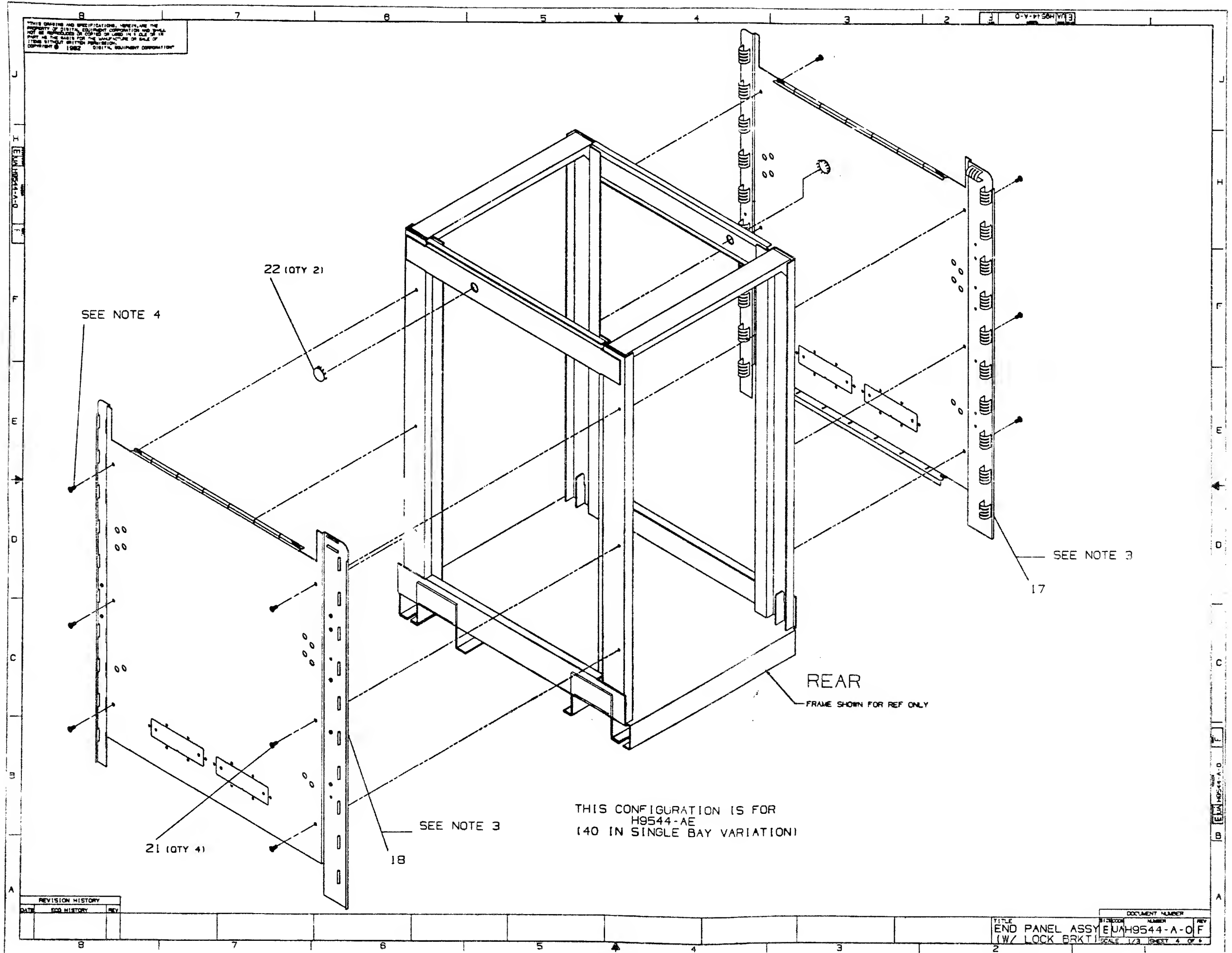
## CCI BACKPLANE PINNING

REVISIONS	CHK	CHANGE NO.	REV.

<b>digital</b>	DRN: R.H. Howell	DATE: 22-SEP-83	ENG: J. Howell	DATE: 22-SEP-83	TITLE: C1750 BLOCK DIAGRAM
DSKB: HOMMEL>CIBAPI.DRW	CHK: R.H. Howell	DATE: 22-SEP-83	BOARD LOCATION: 4	SIZE: K	CODE: BD
FIRST USED ON OPTION/MODEL: C1750	DATE: 18-SEP-83	NEXT HIGHER ASSEMBLY: 18-DD-C1750-0-0	NUMBER: C1750-0-0	REV: A	



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REVISION HISTORY		
DATE	REV	DESCRIPTION

DOCUMENT NUMBER  
END PANEL ASSY EJA H9544-A-01 F  
W/ LOCK BRKT SCALE 1/3 SHEET 4 OF 6

TY Z0236F.LST  
AUTOMATED BY PRTLST.3J(25)

## P A R T S   L I S T

SHEET A1 OF A2

LINE	ITEM	TOP DOCUMENT	PART NUMBER	MIN REV DESCRIPTION	VARIATION REVISION LEVEL:	QTY AA	PER AB	AC	AD	AG	AE	AH	AF F1
1	1	E-AD-7016534-0-0	7016534-00	END PANEL ASSY		1	-	-	-	-	-	-	-
2	2	E-AD-7016534-0-0	7016534-01	PANEL ASSY,END		-	1	-	-	-	-	-	-
3	3	E-AD-7016699-0-0	7016699-00	END PANEL ASSY 60 INCH		-	-	1	-	-	-	-	-
4	4	E-AD-7016699-0-0	7016699-01	END PANEL ASSY 60IN LT GREY		-	-	-	1	-	-	-	-
5	5	C-MD-7422221-0-0	7422221-00	BRKT,DOOR HINGE/END PANEL LOCK		1	1	1	1	-	-	-	-
6	6	C-MD-7414318-0-0	7414318-00	*** THIS ITEM IS NOT USED ***		-	-	-	-	-	-	-	-
7	7		9010156-00	SCREW,SEMS HEX	10-	1	1	1	1	1	-	-	-
8	8		9007651-00	*** THIS ITEM IS NOT USED ***		-	-	-	-	-	-	-	-
9	9		9007786-00	RETAINER,U-NUT	10-32X	1	1	1	1	1	-	-	-
10	10		9006243-09	*** THIS ITEM IS NOT USED ***		-	-	-	-	-	-	-	-
11	11		9006676-00	WASHER,FLAT	SST	-	-	-	-	0	-	-	-
12	12		9007797-00	*** THIS ITEM IS NOT USED ***		-	-	-	-	-	-	-	-
13	13		2200021-00	*** THIS ITEM IS NOT USED ***		-	-	-	-	-	-	-	-
14	14	D-IA-7019083-0-0	7019083-01	END PANEL ASSEMBLY (40 INCH)		-	-	-	-	1	-	-	-
15	15	D-IA-7019076-0-DBU	7019076-01	BRKT, DOOR HINGE/END PANEL LOCK		-	-	-	-	1	-	-	-
16	16		9009988-14	SCREW,SEMS HEX SLOT	1/4-	2	2	2	2	2	-	-	-
17	17	E-AD-7019799-0-DBU	7019799-00	INSERT, END PANEL ASSY. L.H.		-	-	-	-	-	1	-	-
18	18	E-AD-7019799-0-DBU	7019799-01	INSERT, END PANEL ASSY. R.H.		-	-	-	-	-	1	-	-
19	19	E-AD-7019773-0-DBU	7019773-00	INSERT, END PANEL ASSY.		-	-	-	-	-	-	1	-
20	20	E-AD-7019773-0-DBU	7019773-01	INSERT, END PANEL ASSY. R.H.		-	-	-	-	-	-	1	-
21	21		9009700-00	SCREW,SEMS TRUSS PHIL	10-	-	-	-	-	-	4	4	4
22	22		9007065-00	PLUG,BUTTON	1.000HOLE BRASS	-	-	-	-	-	2	2	2
23	23		9006664-00	WASHER,FLAT	SST	1	1	1	1	1	-	-	-
24	24	E-AD-7020391-0-DBU	7020391-01	INSERT. 60 IN. PNL. ASSY (L.H.)		-	-	-	-	-	-	-	1
25	25	E-AD-7020391-0-DBU	7020391-02	INSERT 60 IN. PNL. ASSY (R.H.)		-	-	-	-	-	-	-	-

REVISION HISTORY			BASIC PART NO: H9544		DRN: M. JOSEPH		DATE: 16-MAR-79		D I G I T A L	
ENG	ECO NUMBER	REV	SECTION A OF A	CHK'D: S. ROBERTS	DATE: 16-MAR-79	TITLE PARTS LIST				
DS	H9544-A-ML001	A	SECTION VARIATION INDEX	DATE: 16-MAR-79	END PANEL ASSY (W. LOCK BRKT)					
WR	H9544-A-ML002	B	[AJAA,AB,AC,AD,AG,AE, AH,AF							
DB	H9544-B-ML008	C	[B]	DES.ENG: W. F. MC CARTHY	DATE: 16-MAR-79	DOCUMENT NUMBER				
DB	H9544A-ML005	D	[C]			SIZE	CODE	NUMBER	REV	
RC	H9544-A-LTN07	E	[D]	RESP.ENG.: P. DUBE	DATE: 16-MAR-79	K	PL	H9544-A-DBP	F	
DD	H9544-A-LTN08	F	[E]	MFG.ENG.: R. CARRIER	DATE: 16-MAR-79	RELEASE DATE: 30-APR-84				
			[F]	ASSEMBLY NUMBER:	TOP DOCUMENT NUMBER:	FILE NAME:		EDIT #		
				E-UA-H9544-A-0	#B-DD-H9544-A	Z0236F.PLS		15		

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AUTOMATED BY PRTLST.3J(25)

PARTS LIST

SHEET A2 OF A2

LINE	ITEM	TOP DOCUMENT	PART NUMBER	MIN REV	DESCRIPTION	QTY PER VARIATION	AA	AB	AC	AD	AG	AE	AH	AF
------	------	--------------	-------------	------------	-------------	-------------------	----	----	----	----	----	----	----	----

VARIATION REVISION LEVEL:

26 NOTE: 90 CLASS ITEMS SHOWN ABOVE ARE REQUIRED FOR ASSEMBLY, BUT ARE NOT  
27 NOTE: SHIPPED AS PART OF ASSEMBLY KIT.

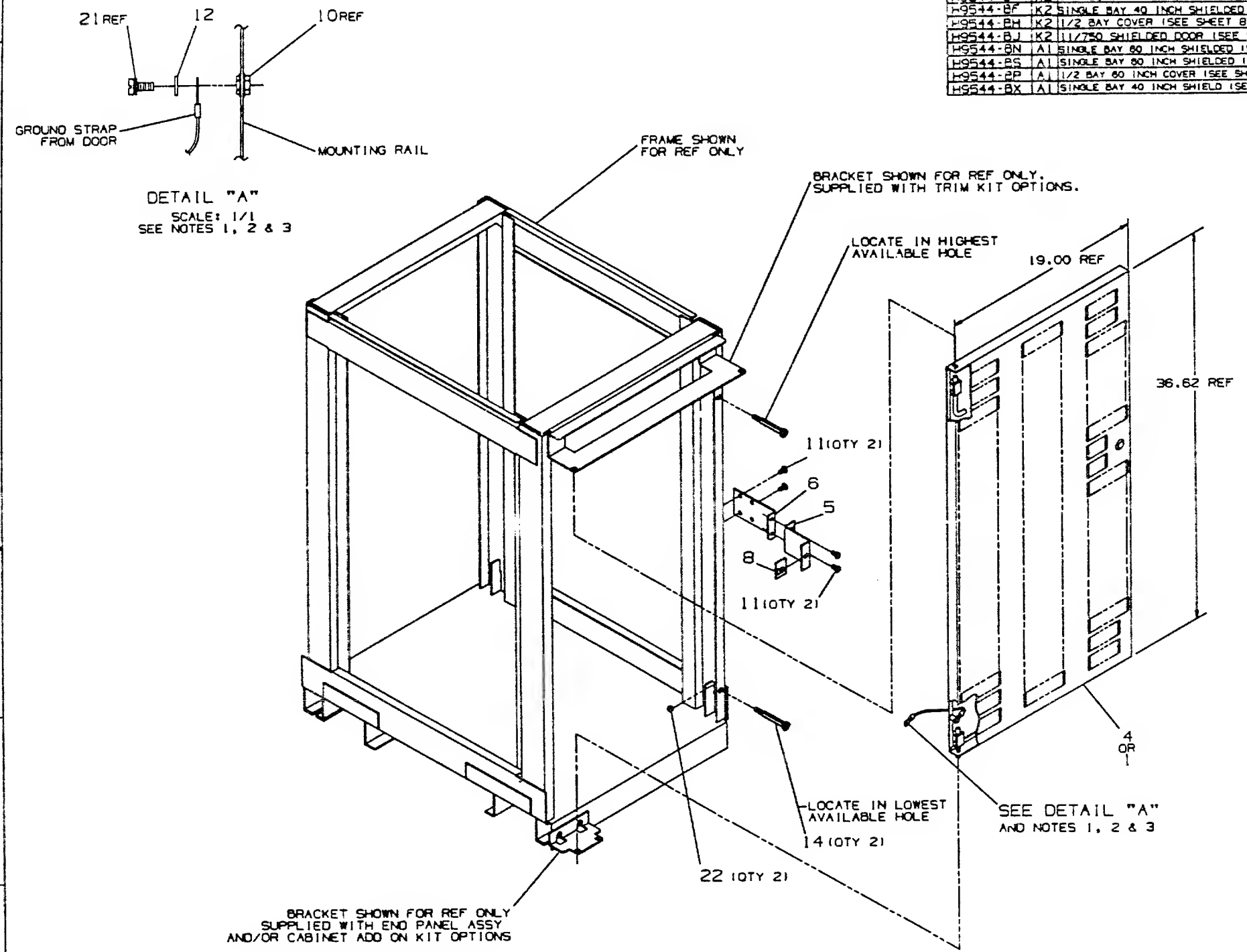
D	I	G	I	T	A	L	TITLE	END PANEL ASSY (W. LOCK BRKT)	SECTION A OF A	SIZE	CODE	DOCUMENT NUMBER	REV
										K	PL	H9544-A-DBP	F



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LEGEND		
PART NO.	REV	VARIATION
H9544-BA	K2	SINGLE BAY 40 INCH (SEE SHEET 1)
H9544-BB	K2	SINGLE BAY 60 INCH (SEE SHEET 2)
H9544-BC	K2	1 1/2 BAY 40 INCH (SEE SHEET THREE)
H9544-BD	K2	H9544-BA WITHOUT FILTER (SEE SHEET 1)
H9544-BE	K2	11/750 DOOR (SEE SHEET 4)
H9544-BK	K2	SINGLE BAY 40 INCH (SEE SHEET 5)
H9544-BM	K2	SINGLE BAY 40 INCH (SEE SHEET 6)
H9544-BF	K2	SINGLE BAY 40 INCH SHIELDED (SEE SHEET 7)
H9544-BH	K2	1/2 BAY COVER (SEE SHEET 8)
H9544-BJ	K2	11/750 SHIELDED DOOR (SEE SHEET 9)
H9544-BN	A1	SINGLE BAY 60 INCH SHIELDED (SEE SHEET 10)
H9544-BS	A1	SINGLE BAY 60 INCH SHIELDED (SEE SHEET 11)
H9544-BP	A1	1/2 BAY 60 INCH COVER (SEE SHEET 12)
H9544-BX	A1	SINGLE BAY 40 INCH SHIELD (SEE SHEET 13)

- NOTES:
1. ATTACH SAFETY GROUND STRAP TO CABINET FRAME MOUNTING RAIL IN NEAREST AVAILABLE MOUNTING RAIL HOLE PER DETAIL "A".
  2. 27 INCH POUNDS OF TORQUE TO BE USED WHEN FASTENING GROUND STRAP TO MOUNTING RAIL; SEE DETAIL "A". FOR OTHER TORQUE REQUIREMENTS REFER TO A-SP-7665328-0-0.
  3. GROUND STRAP NOT TO BE USED ON H9544-BF, H9544-BH, H9544-BJ, H9544-BN, H9544-BS, H9544-BP AND H9544-BX VARIATIONS.
  4. TAPE ITEM #39 TO INSIDE OF DOOR FOR SHIPPING.



THIS CONFIGURATION FOR H9544-BA & BD (40 INCH SINGLE BAY VARIATION)

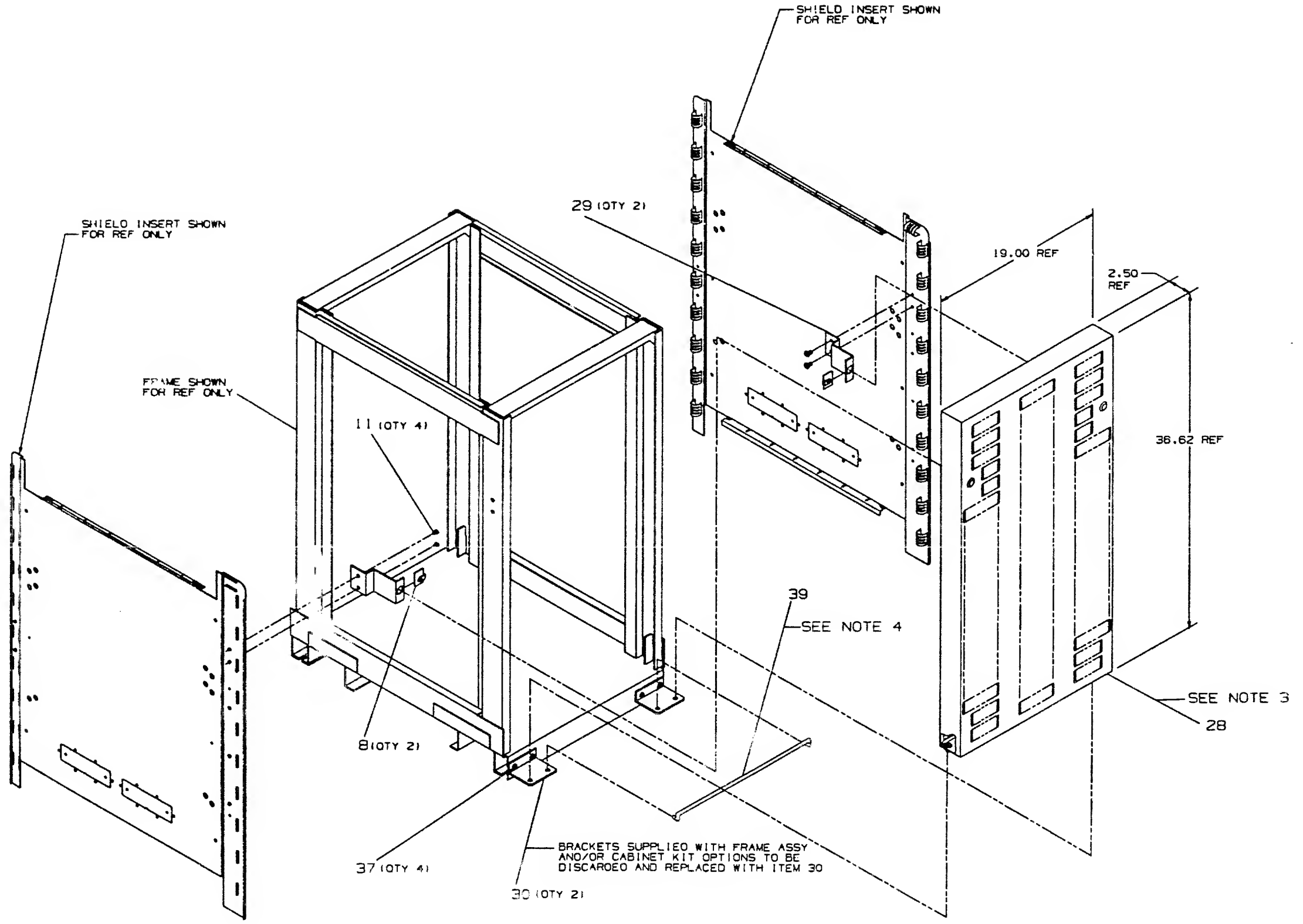
PLOT AT 1.00

CAUTION: OFF SHEET PARTS LIST SEE K-PL-H9544-B-DBP, 1202371

REV	DATE	BY	CHKD	APPD	DESCRIPTION
1	11/11/79	W. MC CARTHY			REVISED TO ADD 1/2 BAY COVER (SEE SHEET 12)
2	11/11/79	W. MC CARTHY			REVISED TO ADD 1/2 BAY COVER (SEE SHEET 12)
3	11/11/79	W. MC CARTHY			REVISED TO ADD 1/2 BAY COVER (SEE SHEET 12)
4	11/11/79	W. MC CARTHY			REVISED TO ADD 1/2 BAY COVER (SEE SHEET 12)
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100	11/11/79	W. MC CARTHY			REVISED TO ADD 1/2 BAY COVER (SEE SHEET 12)

DESCRIPTION		DRAWING NO.		PART NO.	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES AND THE FOLLOWING TOLERANCES APPLY (PER DEC STD 114)					
DIMENSION RANGE IN INCHES					
0 - 1/4	1/4 - 1/2	1/2 - 1	1 - 2	2 - 4	4 - 16
±.005	±.005	±.005	±.005	±.005	±.005
DATE		BY		CHKD	
11/11/79		W. MC CARTHY		W. MC CARTHY	
DO NOT SCALE DRAWING		REMOVE SURFS AND BREAK SHARP CORNERS		SEE K-PL	
E-UA-H9544-B-DBU		K. CAVAN		11/11/79	
		S. ROBERTS		11/11/79	
		W. MC CARTHY		11/11/79	
		P. DUBE		11/11/79	
		R. CARRIER		11/11/79	
		H9544-B REAR DOOR			
		E-UA-H9544-B-DBU			

J  
I  
H  
F  
E  
D  
C  
B  
A



THIS CONFIGURATION FOR  
H9544-BF  
(140 INCH SINGLE BAY VARIATION)

LAYER 1: WORK LAYER (SH 7)  
LAYER 2: FORMAT LAYER (SH 7)

PLOT AT 1.00

REVISION HISTORY		
DATE	ECO HISTORY	REV

TITLE H9544-B  
REAR DOOR

DOCUMENT NUMBER		
PROJECT	NUMBER	REV
EUA	H9544-B-DBU	L
SCALE NOTE: SET 7 OF 13		

J  
I  
H  
F  
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A

AUTOMATED BY PRTLST.3J(25)

## P A R T S L I S T

SHEET A1 OF A2

					SHEET A1 OF A2													
LINE	ITEM	TOP DOCUMENT	PART NUMBER	MIN REV	DESCRIPTION	QTY	PER	VARIATION										
						BA	BB	BC	BD	BE	BK	BM	BF	BH	BI	BN	BS	
						L1 L1												
						VARIATION REVISION LEVEL:												
1	1	E-AD-7016533-0-0	7016533-00		DOOR ASSY, REAR(SINGLE BAY, 40 INCH	1	-	-	-	-	-	1	-	-	-	-	-	
2	2	E-AD-7016695-0-0	7016695-00		DOOR ASSY REAR(SINGLE BAY, 60")	-	1	-	-	-	-	-	-	-	-	-	-	
3	3	E-AD-7016697-0-0	7016697-00		DOOR ASSY REAR(1 1/2 BAY 40")	-	-	1	-	-	-	-	-	-	-	-	-	
4	4	E-AD-7016533-0-0	7016533-01		DOOR ASSY REAR(REAR DOOR W/O FIL	-	-	-	1	-	-	-	-	-	-	-	-	
5	5	C-MD-7422222-0-0	7422222-00		BRACKET, DOOR LOCK	1	1	1	1	1	-	1	-	-	-	-	-	
6	6	C-IA-7422267-0-0	7422267-00		BRKT, DOOR LOCK MTG	1	-	1	1	1	-	-	-	-	-	-	-	
7	7		4700045-00		*** THIS ITEM IS NOT USED ***	-	-	-	-	-	-	-	-	-	-	-	-	
8	8		1212972-02		SPRING, RECEPTACLE 1.04 WDX1.5	1	1	1	1	1	2	1	2	1	-	2	2	
9	9		9007651-00		*** THIS ITEM IS NOT USED ***	-	-	-	-	-	-	-	-	-	-	-	-	
10	10		9007786-00		RETAINER, U-NUT 10-32X	1	1	1	1	3	1	1	-	-	-	-	-	
11	11		9009700-00		SCREW, SEMS TRUSS PHIL 10-	4	4	4	4	6	8	4	4	3	-	4	4	
12	12		9006664-00		WASHER, FLAT SST	-	-	-	-	-	1	1	-	-	-	-	-	
13	13		9007906-00		*** THIS ITEM IS NOT USED ***	-	-	-	-	-	-	-	-	-	-	-	-	
14	14	B-AD-7016703-0-0	7016703-00		STOP DOOR (REAR)	2	2	2	2	2	-	-	-	-	-	-	-	
15	15	D-AD-7016632-0-0	7016632-00		DOOR ASSY REAR(1 1/2 BAY)	-	-	-	-	1	-	-	-	-	-	-	-	
16	16	C-MD-7422272-0-0	7422272-01		PIVOT BRKT BOTTOM REAR DOOR L.H.	-	-	-	-	1	-	-	-	-	-	-	-	
17	17		2200024-00		*** THIS ITEM IS NOT USED ***	-	-	-	-	-	-	-	-	-	-	-	-	
18	18		2200024-01		*** THIS ITEM IS NOT USED ***	-	-	-	-	-	-	-	-	-	-	-	-	
19	19		9009005-00		NUT, HEX 10-32X .255AF SS/N	-	-	-	-	2	-	-	-	-	-	-	-	
20	20	C-IA-7424014-0-0	7424014-00		BRKT, DOOR LOCK MTG	-	1	-	-	-	-	-	-	-	-	-	-	
21	21		9010156-00		SCREW, SEMS HEX 10-	1	1	1	1	1	1	1	-	-	-	-	-	
22	22		9006565-00		NUT, HEX EXT TOOTH LCKW SHR 10-32	2	2	2	2	2	-	2	-	-	-	-	-	
23	23	E-IA-7019166-0-DBU	7019166-01		DOOR, REAR ASSY. SINGLE BAY 40"	-	-	-	-	-	1	-	-	-	-	-	-	
24	24	C-IA-7426710-0-DBU	7426710-01		BRACKET, DOOR LOCK, MTG	-	-	-	-	-	2	-	-	-	-	-	-	
25	25	C-MD-7426711-0-DBU	7426711-01		BRACKET, DOOR LOCK	-	-	-	-	-	2	-	-	-	-	-	-	
26	26	C-IA-7426256-0-DBU	7426256-01		BRACKET, DOOR LOCK MOUNTING	-	-	-	-	-	-	1	-	-	-	-	-	
27	27	C-AD-7019088-0-0	7019088-01		STOP DOOR	-	-	-	-	-	-	2	-	-	-	-	-	
28	28	E-AD-7019792-0-DBU	7019792-00		DOOR, REAR ASSY	-	-	-	-	-	-	-	1	-	-	-	-	
29	29	C-MD-7427386-0-DBU	7427386-01		BRACKET, REAR DOOR LOCK	-	-	-	-	-	-	-	2	-	-	2	2	
30	30	C-MD-7427921-0-DBU	7427921-01		BRACKET, REAR DOOR HINGE	-	-	-	-	-	-	-	2	-	-	-	-	

REVISION HISTORY			BASIC PART NO: H9544		DRN: K. DAVAN		DATE: 13-MAR-79		D I G I T A L			
ENG	ECO NUMBER	REV	SECTION A OF B		CHK'D: S. ROBERTS		DATE: 13-MAR-79		TITLE PARTS LIST			
---	INITIAL	*	SECTION VARIATION INDEX		DES. ENG: W. F. MC CARTHY <th colspan="2">DATE: 13-MAR-79</th> <td colspan="4">DOCUMENT NUMBER</td>		DATE: 13-MAR-79		DOCUMENT NUMBER			
DS	H9544-B-ML001	A	[A] BA, BB, BC, BD, BE, BK,		RESP. ENG.: R. BELLIVEAU <th colspan="2">DATE: 13-MAR-79</th> <td>SIZE</td> <td>CODE</td> <td>NUMBER</td> <td>REV</td>		DATE: 13-MAR-79		SIZE	CODE	NUMBER	REV
DS	H9646-AC-ML001	B	BM, BF, BH, BJ, BN, BS		MFG. ENG.: J. SOUZA <th colspan="2">DATE: 13-MAR-79</th> <td>K</td> <td>PL</td> <td>H9544-B-DBP</td> <td>L</td>		DATE: 13-MAR-79		K	PL	H9544-B-DBP	L
WR	H9544-B-ML002	C	[B] BP, BX		ASSEMBLY NUMBER:		TOP DOCUMENT NUMBER:		FILE NAME:		EDIT #	
W, R	H9544-B-ML003	D	[C]		E-UA-H9544-B-DBU <th colspan="2">#B-DD-H9544-B</th> <td colspan="2">Z0237L.PLS</td> <td colspan="2">4</td>		#B-DD-H9544-B		Z0237L.PLS		4	
RB	H9544-B-ML005	E	[D]		RELEASE DATE: 02-MAY-85							
DB	H9642-B-ML008	F	[E]									
DB	H9544-B-ML006	H	[F]									
RC	H9544-B-LTN07	J										
RC	H9544-B-LTN08	K										
DD	H9544-B-LTN09	L										

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AUTOMATED BY PRTLST.3J(25)

PARTS LIST

SHEET A2 OF A2

LINE	ITEM	TOP DOCUMENT	PART NUMBER	MIN REV	DESCRIPTION	QTY PER VARIATION												VARIATION REVISION LEVEL:	
						BA	BB	BC	BD	BE	BK	BM	BF	BH	BJ	BN L1	BS L1		
31	31	D-AD-7019793-0-DBU	7019793-00		COVER, REAR 1/2 BAY ASSY	-	-	-	-	-	-	-	-	1	-	-	-		
32	32	C-IA-7427966-0-DBU	7427966-01		BRACKET, DOOR LOCK	-	-	-	-	-	-	-	-	1	-	-	-		
33	33	D-IA-7427465-0-DBU	7427465-01		BRACKET, DOOR SUPPORT 1/2 BAY	-	-	-	-	-	-	-	-	1	-	-	-		
34	34	C-IA-7427463-0-DBU	7427463-01		BAR, CABLE DRESS	-	-	-	-	-	-	-	-	1	-	-	-		
35	35	E-AD-7019770-0-DBP	7019770-00		DOOR, REAR ASSY	-	-	-	-	-	-	-	-	-	1	-	-		
36	36	E-AD-7019769-0-DBU	7019769-00		BRACKET ASSY, BOTTOM REAR DOOR	-	-	-	-	-	-	-	-	-	1	1	-		
37	37		9009988-14		SCREW, SEMS HEX SLOT 1/4-	-	-	-	-	-	-	-	4	2	4	4	4		
38	38		9006241-09		SCREW, MACH HEX PLN 1/4-	-	-	-	-	-	-	-	-	1	-	-	-		
39	39	C-MD-7428543-0-DBU	7428543-01		ROD, REAR CABLE #3	-	-	-	-	-	-	-	1	-	-	-	1		
40	40	E-AD-7020399-0-DBU	7020399-01		DOOR REAR ASSY	-	-	-	-	-	-	-	-	-	-	1	-		
41	41	E-AD-7020399-0-DBU	7020399-02		DOOR REAR ASSY W/CUTOUT	-	-	-	-	-	-	-	-	-	-	-	1		
42	42	D-IA-7020402-0-DBU	7020402-01		*** THIS ITEM IS NOT USED ***	-	-	-	-	-	-	-	-	-	-	-	-		
43	43	C-MD-7429304-0-DBU	7429304-01		BRACKET, REAR DOOR, HINGE	-	-	-	-	-	-	-	-	-	-	-	2		

44 NOTE: 90 CLASS ITEMS SHOWN ABOVE ARE REQUIRED FOR ASSEMBLY,  
45 NOTE: BUT ARE NOT SHIPPED AS PART OF THE ASSEMBLY

DIGITAL					TITLE	SECTION A OF B		SIZE	CODE	DOCUMENT NUMBER	REV
					H9544-B REAR DOOR			K	PL	H9544-B-DBP	L

AUTOMATED BY PRTLST.3J(25)

## P A R T S L I S T

SHEET B1 OF B2

						QTY	PER	VARIATION
LINE	ITEM	TOP DOCUMENT	PART NUMBER	REV	DESCRIPTION	BP	BX	
						L1	L1	
1	1	E-AD-7016533-0-0	7016533-00	***	THIS ITEM IS NOT USED	***	-	-
2	2	E-AD-7016695-0-0	7016695-00	***	THIS ITEM IS NOT USED	***	-	-
3	3	E-AD-7016697-0-0	7016697-00	***	THIS ITEM IS NOT USED	***	-	-
4	4	E-AD-7016533-0-0	7016533-01	***	THIS ITEM IS NOT USED	***	-	-
5	5	C-MD-7422222-0-0	7422222-00	***	THIS ITEM IS NOT USED	***	-	-
6	6	C-IA-7422267-0-0	7422267-00	***	THIS ITEM IS NOT USED	***	-	-
7	7		4700045-00	***	THIS ITEM IS NOT USED	***	-	-
8	8		1212972-02		SPRING, RECEPTACLE 1.04 WDX1.5	1	2	
9	9		9007651-00	***	THIS ITEM IS NOT USED	***	-	-
10	10		9007786-00	***	THIS ITEM IS NOT USED	***	-	-
11	11		9009700-00		SCREW, SEMS TRUSS PHIL 10-	3	4	
12	12		9006664-00	***	THIS ITEM IS NOT USED	***	-	-
13	13		9007906-00	***	THIS ITEM IS NOT USED	***	-	-
14	14	B-AD-7016703-0-0	7016703-00	***	THIS ITEM IS NOT USED	***	-	-
15	15	D-AD-7016632-0-0	7016632-00	***	THIS ITEM IS NOT USED	***	-	-
16	16	C-MD-7422272-0-0	7422272-01	***	THIS ITEM IS NOT USED	***	-	-
17	17		2200024-00	***	THIS ITEM IS NOT USED	***	-	-
18	18		2200024-01	***	THIS ITEM IS NOT USED	***	-	-
19	19		9009005-00	***	THIS ITEM IS NOT USED	***	-	-
20	20	C-IA-7424014-0-0	7424014-00	***	THIS ITEM IS NOT USED	***	-	-
21	21		9010156-00	***	THIS ITEM IS NOT USED	***	-	-
22	22		9006565-00	***	THIS ITEM IS NOT USED	***	-	-
23	23	E-IA-7019166-0-DBU	7019166-01	***	THIS ITEM IS NOT USED	***	-	-
24	24	C-IA-7426710-0-DBU	7426710-01	***	THIS ITEM IS NOT USED	***	-	-
25	25	C-MD-7426711-0-DBU	7426711-01	***	THIS ITEM IS NOT USED	***	-	-
26	26	C-IA-7426256-0-DBU	7426256-01	***	THIS ITEM IS NOT USED	***	-	-
27	27	C-AD-7019088-0-0	7019088-01	***	THIS ITEM IS NOT USED	***	-	-
28	28	E-AD-7019792-0-DBU	7019792-00	***	THIS ITEM IS NOT USED	***	-	-
29	29	C-MD-7427386-0-DBU	7427386-01		BRACKET, REAR DOOR LOCK	-	2	
30	30	C-MD-7427921-0-DBU	7427921-01	***	THIS ITEM IS NOT USED	***	-	-

REVISION HISTORY			BASIC PART NO: H9544		DRN: K. DAVAN		DATE: 13-MAR-79		D I G I T A L			
ENG	ECO NUMBER	REV	SECTION B OF B									
---	INITIAL	*	SECTION, VARIATION INDEX		CHK'D: S. ROBERTS		DATE: 13-MAR-79		TITLE PARTS LIST			
DS	H9544-B-ML001	A	(A)BA, BB, BC, BD, BE, BK,						H9544-B REAR DOOR			
DS	H9646-AC-ML001	B	BM, BF, BH, BJ, BN, BS									
WR	H9544-B-ML002	C	(B)BP, BX		DES.ENG: W. F. MC CARTHY		DATE: 13-MAR-79		DOCUMENT NUMBER			
W.R	H9544-B-ML003	D							SIZE	CODE	NUMBER	REV
RB	H9544-B-ML005	E	(C)						K	PL	H9544-B-DBP	L
DB	H9642-B-ML008	F	(D)		RESP.ENG.: R. BELLIVEAU		DATE: 13-MAR-79					
DB	H9544-B-ML006	H										
RC	H9544-B-LTN07	J	(E)		MFG.ENG.: J. SOUZA		DATE: 13-MAR-79		RELEASE DATE: 02-MAY-85			
RC	H9544-B-LTN08	K										
DD	H9544-B-LTN09	L	(F)		ASSEMBLY NUMBER:		TOP DOCUMENT NUMBER:		FILE NAME:		EDIT #	
					E-UA-H9544-B-DBU		#B-DD-H9544-B		Z0237L.PLS		4	

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! AUTOMATED BY PRTLST.3J(25)

P A R T S L I S T

! SHEET B2 OF B2

						MIN			QTY	PER	VARIATION
LINE	ITEM	TOP DOCUMENT	PART NUMBER	REV	DESCRIPTION				BP	BX	
						VARIATION REVISION LEVEL:			L1	L1	
31	31	D-AD-7019793-0-DBU	7019793-00		*** THIS ITEM IS NOT USED ***				-	-	
32	32	C-IA-7427966-0-DBU	7427966-01		*** THIS ITEM IS NOT USED ***				-	-	
33	33	D-IA-7427465-0-DBU	7427465-01		BRACKET,DOOR SUPPORT 1/2 BAY				1	-	
34	34	C-IA-7427463-0-DBU	7427463-01		BAR, CABLE DRESS				1	-	
35	35	E-AD-7019770-0-DBP	7019770-00		DOOR, REAR ASSY				1	1	
36	36	E-AD-7019769-0-DBU	7019769-00		BRACKET ASSY, BOTTOM REAR DOOR				-	1	
37	37		9009988-14		SCREW,SEMS HEX SLOT 1/4-				2	4	
38	38		9006241-09		SCREW,MACH HEX PLN 1/4-				1	-	
39	39	C-MD-7428543-0-DBU	7428543-01		*** THIS ITEM IS NOT USED ***				-	-	
40	40	E-AD-7020399-0-DBU	7020399-01		*** THIS ITEM IS NOT USED ***				-	-	
41	41	E-AD-7020399-0-DBU	7020399-02		*** THIS ITEM IS NOT USED ***				-	-	
42	42	D-IA-7020402-0-DBU	7020402-01		COVER REAR 1/2 BAY ASSY				1	-	
43	43	C-MD-7429304-0-DBU	7429304-01		*** THIS ITEM IS NOT USED ***				-	-	

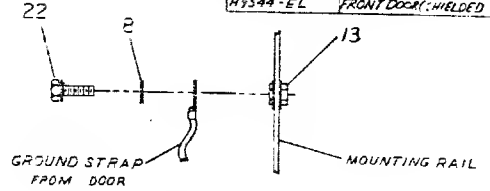
44 NOTE: 90 CLASS ITEMS SHOWN ABOVE ARE REQUIRED FOR ASSEMBLY,  
45 NOTE: BUT ARE NOT SHIPPED AS PART OF THE ASSEMBLY

D I G I T A L	TITLE H9544-B REAR DOOR	SECTION B OF B	SIZE	CODE	DOCUMENT NUMBER	REV
			K	PL	H9544-B-DBP	L

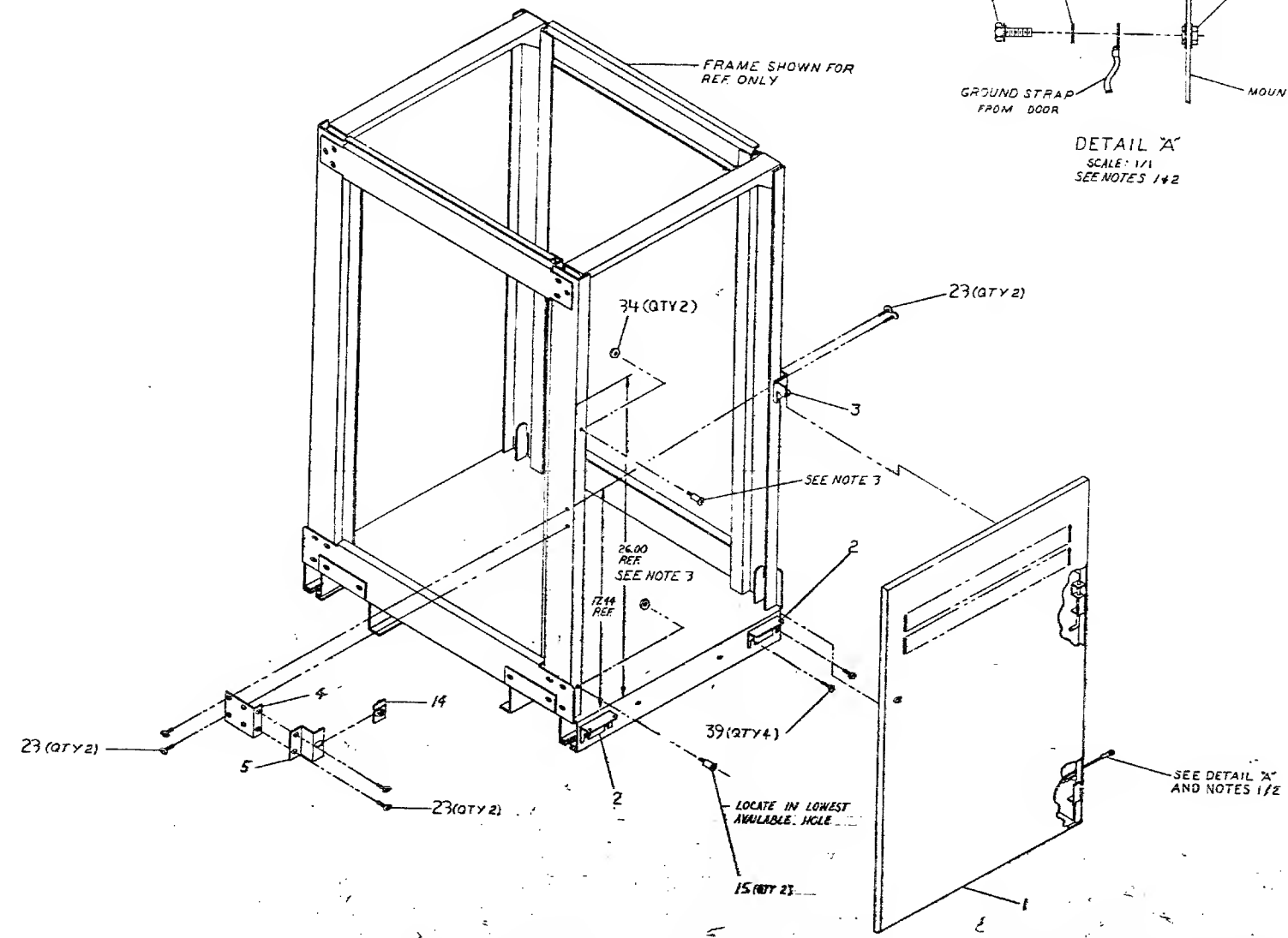
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LEGEND	
NUMBER	VARIATION
H9544-EA	FRONT DOOR (SINGLE BAY) (SHEET 3)
H9544-EB	FRONT DOOR (SINGLE BAY) (SHEET 1)
H9544-EE	FRONT DOOR (COMET) (SHEET 2)
H9544-EK	FRONT DOOR (COMET) (SHEET 4)
H9544-EG	FRONT DOOR (SHIELDED SINGLE BAY) (SHEET 5)
H9544-EJ	FRONT DOOR (SHIELDED COMET) (SHEET 6)
H9544-EH	FRONT DOOR (SHIELDED FULL) (SHEET 7)
H9544-EM	FRONT DOOR (SHIELDED BAY) (SHEET 8)
H9544-EL	FRONT DOOR (SHIELDED KERNEL) (SHEET 9)

- NOTES:
1. ATTACH SAFETY GROUND STRAP TO THE CABINET FRAME MOUNTING RAIL IN NEAREST AVAILABLE MOUNTING RAIL HOLE PER DETAIL 'A'.
  2. 21 INCH POUNDS OF TORQUE TO BE USED WHEN FASTENING (ITEM 22) TO MOUNTING RAIL. FOR OTHER TORQUE REQUIREMENTS REFER TO A-SP-764532B-G-0.
  3. LOCATE IN HIGHEST AVAILABLE HOLE BELOW 24 INCHES.
  4. IF POSSIBLE, FASTEN THE PART OF THE HARDWARE INTO THE FRAME.
  5. HOLE LOCATIONS ARE FROM TOP OF MOUNTING RAILS. (SHEET 4).
  6. POSITION ITEM 31 ON ITEM 20 AS SHOWN (SHEET 4).



DETAIL 'A'  
SCALE: 1/1  
SEE NOTES 1 & 2



THIS CONFIGURATION FOR  
H9544-EB

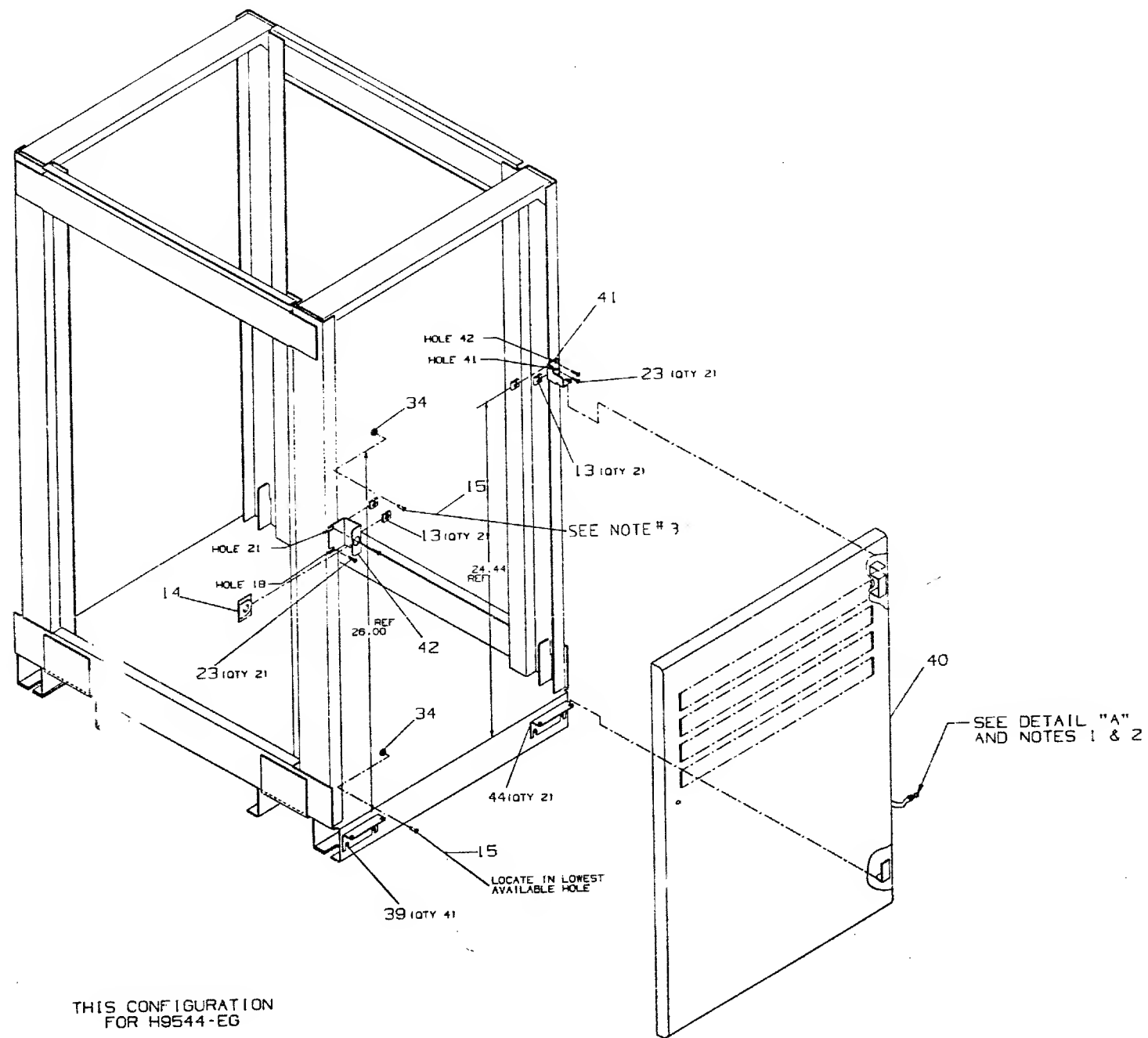
ITEM NO.	DESCRIPTION	QTY
1	FRONT DOOR (SINGLE BAY) (SHEET 3)	1
2	FRONT DOOR (SINGLE BAY) (SHEET 1)	1
3	FRONT DOOR (COMET) (SHEET 2)	1
4	FRONT DOOR (COMET) (SHEET 4)	1
5	FRONT DOOR (SHIELDED SINGLE BAY) (SHEET 5)	1
6	FRONT DOOR (SHIELDED COMET) (SHEET 6)	1
7	FRONT DOOR (SHIELDED FULL) (SHEET 7)	1
8	FRONT DOOR (SHIELDED BAY) (SHEET 8)	1
9	FRONT DOOR (SHIELDED KERNEL) (SHEET 9)	1

OFF SHEET PARTS LIST REFER TO K-P-H9544-E-DBR-2

DESCRIPTION	QTY	UNIT	PRICE	TOTAL
FRONT DOOR (SINGLE BAY) (SHEET 3)	1	EA	100.00	100.00
FRONT DOOR (SINGLE BAY) (SHEET 1)	1	EA	100.00	100.00
FRONT DOOR (COMET) (SHEET 2)	1	EA	100.00	100.00
FRONT DOOR (COMET) (SHEET 4)	1	EA	100.00	100.00
FRONT DOOR (SHIELDED SINGLE BAY) (SHEET 5)	1	EA	100.00	100.00
FRONT DOOR (SHIELDED COMET) (SHEET 6)	1	EA	100.00	100.00
FRONT DOOR (SHIELDED FULL) (SHEET 7)	1	EA	100.00	100.00
FRONT DOOR (SHIELDED BAY) (SHEET 8)	1	EA	100.00	100.00
FRONT DOOR (SHIELDED KERNEL) (SHEET 9)	1	EA	100.00	100.00

DATE: 10/1/79  
BY: J. H. H9544-E-DBR-2  
TITLE: H9544-E-DBR-2  
FRONT DOOR

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THIS CONFIGURATION  
FOR H9544-EG

REVISION HISTORY		
DATE	REV. HISTORY	REV.

TITLE  
H9544-E-FRONT  
DOOR KIT ASSY

DOCUMENT NUMBER  
EUAH9544-E-0  
SCALE 1/2" = 1'-0"  
SHEET 3 OF 3  
ML 1



QUANTITY PER VARIATION					EB	EE	EA	EK	EG	EJ	EH	EM	EL
LINE	ITEM	DOCUMENT NUMBER	PART NUMBER	DESCRIPTION									
1	1	D-AD-7016562-0-0	7016562-00	FRONT DOOR ASSY	1	-	-	-	-	-	-	-	-
2	2	C-MD-7422262-0-0	7422262-00	BRACKET,FRONT DOOR PIVOT	2	-	-	-	-	-	-	-	-
3	3	C-MD-7422264-0-0	7422264-00	BRKT, TOP PIVOT	1	-	-	-	-	-	-	-	-
4	4	C-IA-7422267-0-0	7422267-00	BRKT,DOOR LOCK MTG	1	-	1	1	-	-	-	-	-
5	5	C-MD-7422222-0-0	7422222-00	BRACKET,DOOR LOCK	1	-	1	1	-	-	-	-	-
6	6		9006074-01	*** THIS ITEM IS NOT USED ***	-	-	-	-	-	-	-	-	-
7	7		9007906-00	WASHER,HELICAL SPLIT STEEL	2	2	2	2	-	-	-	-	-
8	8		9006664-00	WASHER,FLAT SST	-	-	-	-	1	1	1	1	-
9	9		9006243-09	SCREW,MACH HEX PLN 1/4-	4	-	4	-	-	-	-	-	-
10	10		9007797-00	WASHER,HELICAL SPLIT SST	4	-	4	-	-	-	-	-	-
11	11		9006676-00	*** THIS ITEM IS NOT USED ***	-	-	-	-	-	-	-	-	-
12	12		9007651-00	WASHER,LOCK EXTERNAL STEEL	1	1	1	-	-	-	-	-	-
13	13		9007786-00	RETAINER,U-NUT 10-32X	3	7	5	7	5	3	1	5	-
14	14		1212972-02	SPRING,RECEPTACLE 1.04 WDX1.5	1	-	1	1	1	-	1	2	1
15	15	B-AD-7016703-0-0	7016703-02	STOP DOOR 1.62	2	-	2	2	2	-	2	-	-
16	16	B-AD-7016703-0-0	7016703-01	STOP, DOOR .88	-	2	-	-	-	2	-	-	-
17	17	E-AD-7016631-0-0	7016631-00	DOOR ASSY,FRONT (1 1/2 BAY)	-	1	-	-	-	-	-	-	-
18	18	C-MD-7422278-0-0	7422278-00	BRKT,HINGE (FRONT DOOR TOP) R.H.	-	1	-	-	-	-	-	-	-
19	19	C-MD-7422278-0-0	7422278-01	BRKT HINGE FRONT DOOR TOP	-	1	-	-	-	-	-	-	-
20	20		2200027-00	*** THIS ITEM IS NOT USED ***	-	-	-	-	-	-	-	-	-
21	21		2200027-01	*** THIS ITEM IS NOT USED ***	-	-	-	-	-	-	-	-	-
22	22		9010156-00	SCREW,SEMS HEX 10-	1	1	1	1	1	1	1	-	-
23	23		9009700-00	SCREW,SEMS TRUSS PHIL 10-	6	4	6	8	4	2	-	4	2
24	24	D-AD-7018554-0-0	7018554-01	DOOR ASSY, FRONT	-	-	1	-	-	-	-	-	-
25	25	D-MD-7425876-0-0	7425876-00	BRACKET,DOOR SUPPORT	-	-	1	-	-	-	-	-	-
26	26	C-MD-7425881-0-0	7425881-00	BRACKET,DOOR HINGE & END PANEL L	-	-	1	-	-	-	-	-	-
27	27	E-UA-7019542-0-0	7019542-00	DOOR ASSY. FRONT	-	-	-	1	-	-	-	-	-
28	28	C-MD-7426785-0-0	7426785-01	BRACKET,DOOR,PIVOT TOP	-	-	-	1	-	-	-	-	-
29	29	C-MD-7426784-0-0	7426784-01	BRACKET,DOOR,PIVOT BOTTOM	-	-	-	1	-	-	-	-	-
30	30	D-MD-7426783-0-0	7426783-01	STRIP,TRIM,FRONT DOOR	-	-	-	1	-	-	-	-	-

REVISION HISTORY			BASIC PART NO: H9544			DRN: KEN DAVAN			DATE: 04-APR-79			D I G I T A L		
ENG	ECO NUMBER	REV	SECTION A OF A			CHK'D: S. ROBERTS			DATE: 04-APR-79			TITLE PARTS LIST		
DS	H9544E-ML001	A	SECTION. VARIATION INDEX			DES.ENG.: R. BELLIVEAU			DATE: 04-APR-79			H9544-E FRONT DOOR		
R.B	H9544-E-ML003	B	[A] EB,EE,EA,EK,EG,EJ, EH,EM,EL			RESP.ENG.: R. BELLIVEAU			DATE: 04-APR-79			DOCUMENT NUMBER		
E.R	H9544-E-ML004	C	[B]			MFG.ENG.: J. SOUZA			DATE: 04-APR-79			SIZE: CODE: NUMBER REV		
DB	H9544-E-ML005	D	[C]			ASSEMBLY NUMBER:			TOP DOCUMENT NUMBER:			FILE NAME: EDIT #		
R.B	H9544-E-ML006	E	[D]			E-UA-H9544-0-0			#8-DD-H9544-E			Z0239F.PLS 4		
RC	H9544-E-LTN07	F	[E]											
			[F]											
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PARTS LIST

SHEET A2 OF A2

LINE	ITEM	DOCUMENT NUMBER	PART NUMBER	DESCRIPTION	QUANTITY PER VARIATION									
					EB	EE	EA	EK	EG	EJ	EH	EM	EL	
31	31	D-MD-7427144-0-0	7427144-01	FOAM,TAPE (REWORK)	-	-	-	1	-	-	-	-	-	
32	32		9009949-00	WASHER,FLAT STEEL	-	-	-	10	-	-	-	-	-	
33	33		9006560-00	NUT,HEX EXT TOOTH LCKWSHR 6-32	-	-	-	10	-	-	-	-	-	
34	34		9006565-00	NUT,HEX EXT TOOTH LCKWSHR 10-32	-	-	-	4	2	2	2	-	-	
35	35	E-IA-7427752-0-DBU	7427752-01	BEZEL,TU8X	-	-	-	1	-	-	-	-	-	
36	36	E-AD-7019805-0-DBU	7019805-00	DOOR, FRONT 1 1/2 BAY ASSY	-	-	-	-	-	1	-	-	-	
37	37	B-MD-7427475-0-DBU	7427475-01	BRACKET,FRONT DOOR PIVOT COMET	-	-	-	-	-	2	-	-	-	
38	38	C-MD-7427473-0-DBU	7427473-01	BRACKET, TOP FRONT DOOR(COMET FC	-	-	-	-	-	1	-	-	-	
39	39		9009988-14	SCREW,SEMS HEX SLOT 1/4-	4	-	4	-	4	4	4	4	2	
40	40	E-AD-7019751-0-DBU	7019751-00	FRONT DOOR ASSY SNG BAY	-	-	-	-	1	-	-	-	-	
41	41	C-MD-7427340-0-DBU	7427340-01	BRACKET,DOOR TOP PIVOT	-	-	-	-	1	-	-	-	-	
42	42	B-MD-7427339-0-DBU	7427339-01	BRACKET,DOOR LOCK	-	-	-	-	1	-	-	2	-	
43	43	E-AD-7019949-0-DBU	7019949-00	DOOR, FRONT 1/3 BAY KIT ASSY.	-	-	-	-	-	-	-	1	-	
44	44	C-MD-7427949-0-DBU	7427949-01	BRACKET,FRONT DOOR PIVOT	-	-	-	-	2	-	2	2	-	
45	45	C-MD-7428076-0-DBU	7428076-01	BRACKET,DOOR LOCK	-	-	-	-	-	-	1	-	-	
46	46	E-AD-7019761-0-DBU	7019761-00	DOOR, FRONT ASSY.	-	-	-	-	-	-	1	-	-	
47	47		9010437-01	SCREW,MACH FLAT PHIL 10-	-	-	-	-	-	-	2	-	-	
48	48	E-AD-7019812-0-DBU	7019812-00	DOOR FRONT 1/2 BAY ASSY.	-	-	-	-	-	-	-	-	1	
49	49	C-MD-7427488-0-DBU	7427488-01	BRKT DOOR LOCK 1/2 BAY	-	-	-	-	-	-	-	-	1	
50	50	D-MD-7427489-0-DBU	7427489-01	DOOR PIVOT BRKT 1/2 BAY	-	-	-	-	-	-	-	-	1	

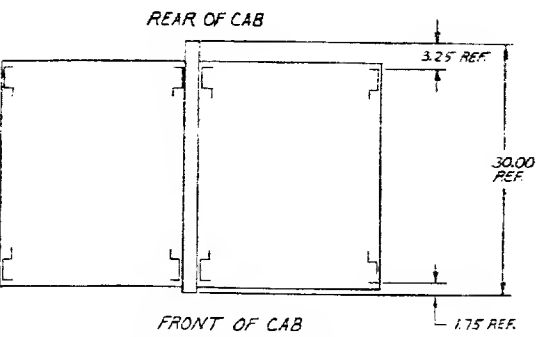
51 NOTE: 90-CLASS ITEMS SHOWN ABOVE ARE REQUIRED FOR ASSEMBLY, BUT ARE NOT SHIPPED  
52 NOTE: AS PART OF THE ASSEMBLY KIT.

D	I	G	I	T	A	L	TITLE	SECTION A OF A	SIZE	CODE	DOCUMENT NUMBER	REV
43							H9544-E FRONT DOOR		K	PL	H9544-E-DBP	F

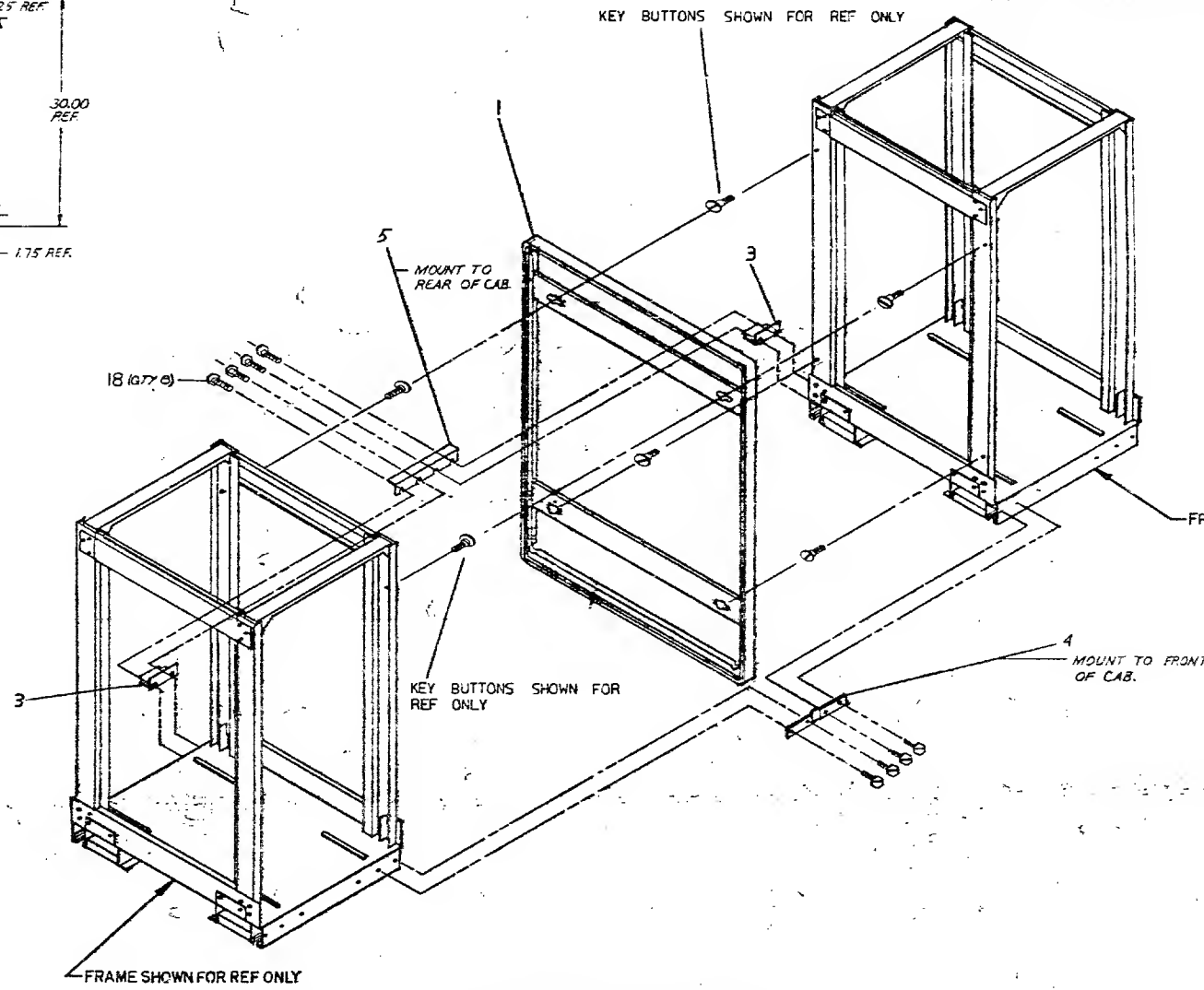
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NUMBER	VARIATION
H9544-JA	40 INCH ROLL FORM (SHEET 1)
H9544-JC	60 INCH ROLL FORM (SHEET 2)
H9544-JD	40 7/8" CONVERSION (SHEET 3)
H9544-JE	40" ROLL FORM (SHEET 4)
H9544-JF	40" SHIELDED EXPANSION KIT (SHEET 5)
H9544-JG	40" SHIELDED EXPANSION KIT (SHEET 6)

- NOTES:**
- THE ROLL FORM IS USED FOR MOUNTING ITEM NO. 4 (LOCKING BRACKET). IS SUPPLIED WITH OTHER OPTIONS AND IS SHOWN FOR REFERENCE ONLY.
  - ITEMS 1 THRU 3 AND 5 ARE SHOWN FOR REFERENCE ONLY.
  - FOR TORQUE REQUIREMENTS REFER TO ASP-74-5328-0-0.
  - WHEN ASSEMBLING GROUND STRAP TO UPRIGHT USING SCREW (ITEM 10) LOCK WASHER (ITEM 23) AND NUT AND WASHER (ITEM 23). USE CLOSEST AVAILABLE HOLE.
  - PROCEDURE FOR SHIELDED EXPANSION:
    - TWO CABLE FEED BRACKETS (ITEM 21) ARE SUPPLIED FOR MAXIMUM CABLE FEED THROUGH UTILIZATION. USE ONLY BRACKET/BRACKETS NEEDED FOR OPTIMUM CABLE FEED THROUGH.
    - SELECT KNOCKOUT PANEL/PANELS REQUIRED FOR INTERCONNECT CABLING.
    - KNOCKOUT PANEL/PANELS NEEDED.
    - INSTALL CABLE FEED BRACKET/BRACKETS (ITEM 21) ON ONE INSERT PANEL.
    - HANG ROLL FORM ASSEMBLY (ITEM 20) ON ONE CABINET.
    - ENGAGE SECOND CABINET ONTO ROLLFORM ASSEMBLY.
    - SLIDE ROLLFORM ASSEMBLY DOWN TO JOIN THE TWO CABINETS TOGETHER.
    - ADD SECOND SET OF SCREWS (ITEM 22) THROUGH INSIDE OF SECOND CABINET.
    - ATTACH FRONT AND REAR LOCKING BRACKETS (ITEM 4 & ITEM 5).



TOP VIEW OF INTERMEDIATE END PANEL MOUNTED BETWEEN TWO CABINETS. SHOWN FOR REF ONLY. THIS IS COMMON FOR JA, JC + JD VARIATION ONLY



THIS CONFIGURATION FOR H9544-JA (40 INCH VARIATION)

ITEM NO.	DESCRIPTION	QTY
1	40 INCH ROLL FORM	1
2	60 INCH ROLL FORM	1
3	40 7/8" CONVERSION	1
4	40" ROLL FORM	1
5	40" SHIELDED EXPANSION KIT	1
6	40" SHIELDED EXPANSION KIT	1

OFF SHEET PARTS LIST REFER TO K-PL-H9544-J-D8P

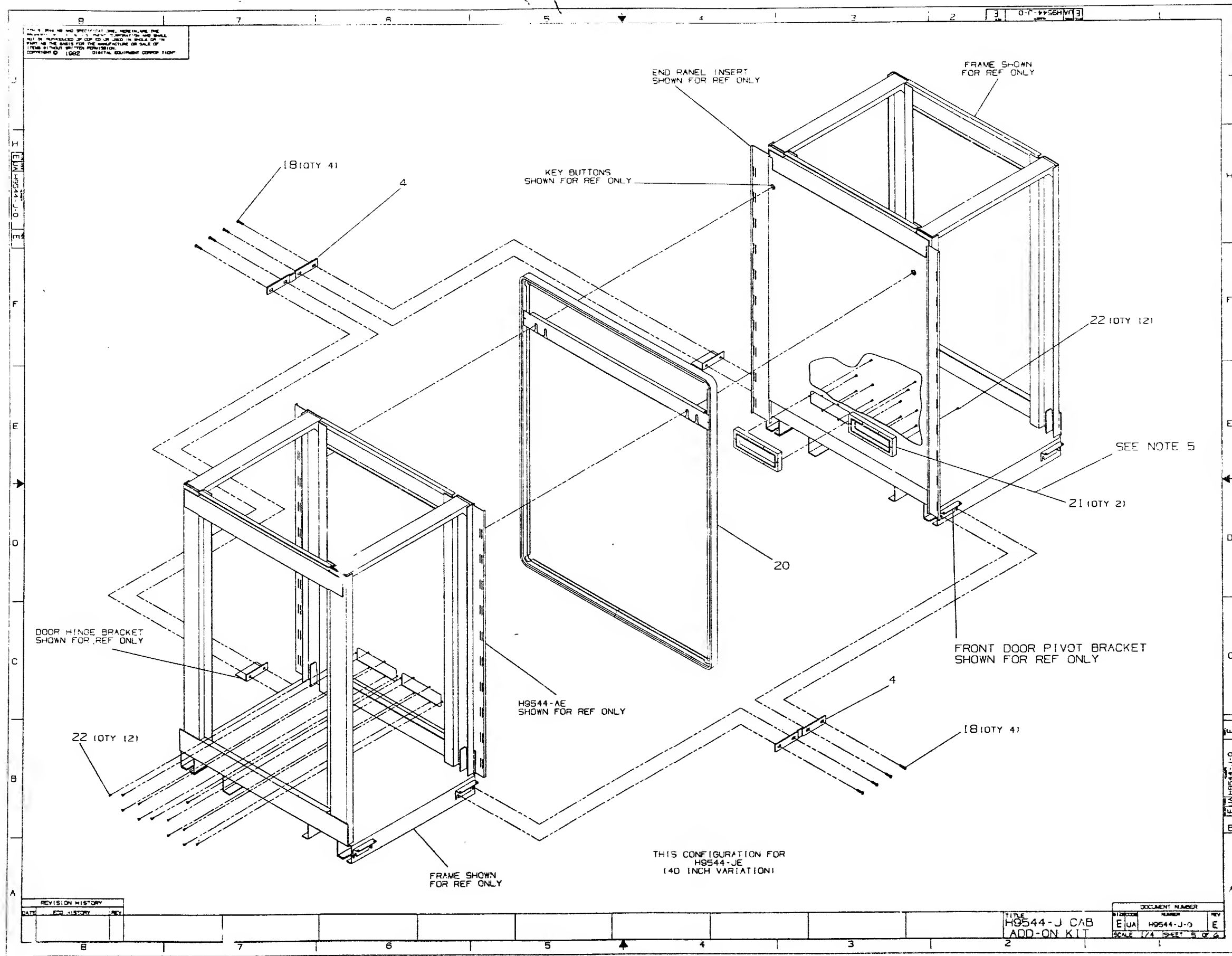
ITEM NO.	DESCRIPTION	QTY	UNIT
1	40 INCH ROLL FORM	1	EA
2	60 INCH ROLL FORM	1	EA
3	40 7/8" CONVERSION	1	EA
4	40" ROLL FORM	1	EA
5	40" SHIELDED EXPANSION KIT	1	EA
6	40" SHIELDED EXPANSION KIT	1	EA

DATE: 10/1/80 BY: J. D. BELL

REVISION: 1

SCALE: 1/8" = 1'-0"

SHEET 1 OF 3



REVISION HISTORY		
DATE	REV	DESCRIPTION

DOCUMENT NUMBER		REVISION	
EUA	H9544-J-0	REV	E
TITLE		SCALE	
H9544-J CAB		1/4" = 1" 5 OF 6	
ADD-ON KIT			

LINE	ITEM	DOCUMENT NUMBER	PART NUMBER	DESCRIPTION	QUANTITY PER VARIATION					
					JA	JC	JD	JH	JE	JF
1	1	E-IA-7016539-0-0	7016539-00	ROLL FORM ASSY. 40 INCH	1	-	-	-	-	-
2	2	D-IA-7016700-0-0	7016700-00	ROLL FORM ASSY 60 INCH	-	1	-	-	-	-
3	3	C-MD-7422221-0-0	7422221-00	BRKT,DOOR HINGE/END PANEL LOCK	2	2	2	-	-	-
4	4	C-MD-7422224-0-0	7422224-00	BRACKET,CABINET FRONT LOCKING	1	1	1	1	2	2
5	5	C-MD-7422225-0-0	7422225-00	BRACKET,CABINET REAR LOCKING	1	1	1	-	-	-
6	6	C-MD-7414318-0-0	7414318-00	*** THIS ITEM IS NOT USED ***	-	-	-	-	-	-
7	7		9006243-09	*** THIS ITEM IS NOT USED ***	-	-	-	-	-	-
8	8		9006676-00	*** THIS ITEM IS NOT USED ***	-	-	-	-	-	-
9	9		9007797-00	*** THIS ITEM IS NOT USED ***	-	-	-	-	-	-
10	10		2200023-00	*** THIS ITEM IS NOT USED ***	-	-	-	-	-	-
11	11		9006074-01	*** THIS ITEM IS NOT USED ***	-	-	-	-	-	-
12	12		9007651-00	*** THIS ITEM IS NOT USED ***	-	-	-	-	-	-
13	13	E-AD-7017092-0-0	7017092-00	END PANEL ASSY	-	-	1	-	-	-
14	14		9010156-00	SCREW,SEMS HEX 10-	-	-	1	-	-	-
15	15		9007786-00	RETAINER,U-NUT 10-32X	-	-	1	-	-	-
16	16	D-IA-7019084-0-0	7019084-01	ROLL FORM ASSEMBLY (40 INCH)	-	-	-	1	-	-
17	17	D-IA-7019076-0-0	7019076-01	BRKT, DOOR HINGE/END PANEL LOCK	-	-	-	2	-	-
18	18		9009988-14	SCREW,SEMS HEX SLOT 1/4-	8	8	8	8	8	8
19	19	C-MD-7426557-0-0	7426557-01	BRACKET,CABINET REAR LOCKING	-	-	-	1	-	-
20	20	D-IA-7019994-0-DBU	7019994-00	ROLL FORM ASSY.	-	-	-	-	1	1
21	21	D-MD-7427810-0-DBU	7427810-01	PANEL,CABLE FEED	-	-	-	-	2	2
22	22		9009545-00	SCREW,SEMS PAN PHIL 8-	-	-	-	-	24	24
23	23		9006664-00	WASHER,FLAT SST	-	-	1	-	-	-
24	24		7020748-01	ROLL FORM ASSY, 60 IN.	-	-	-	-	-	1

25 NOTE: 1. 90 CLASS ITEMS SHOWN ABOVE ARE REQUIRED FOR ASSEMBLY,BUT ARE NOT

REVISION HISTORY		BASIC PART NO: H9544		DRN: F. KEYES	DATE: 04-APR-79	D I G I T A L			
ENG	ECO NUMBER	REV	SECTION A OF A	CHK'D: S. ROBERTS	DATE: 04-APR-79	TITLE		PARTS LIST	
---	INITIAL	*	SECTION. VARIATION INDEX	DES.ENG.: W. F. MC CARTHY	DATE: 04-APR-79	H9544-J CABINET ADD-ON KIT			
DS	H9544-J-ML001	A	[A] JA,JC,JD,JH,JE,JF	RESP.ENG.: P. DUBE	DATE: 04-APR-79	DOCUMENT NUMBER			
W.R	H9544-J-ML003	B	[B]	MFG.ENG.: R. CARRIER	DATE: 04-APR-79	SIZE	CODE	NUMBER	REV
DB	H9642-B-ML008	C	[C]	ASSEMBLY NUMBER:	TOP DOCUMENT NUMBER:	K	PL	H9544-J-DBP	E
DB	H9544-J-ML005	D	[D]	E-UA-H9544-J-0	#B-DD-H9544-J	FILE NAME:		EDIT #	
RC	H9544-J-LTN06	E	[E]			Z0242E.PLS		4	
			[F]	"THIS DRAWING AND SPECIFICATIONS HEREIN, ARE THE PROPERTY OF DIGITAL EQUIPMENT CORPORATION AND SHALL NOT BE REPRODUCED OR COPIED OR USED IN WHOLE OR IN PART AS THE BASIS FOR THE MANUFACTURE OR SALE OF ITEMS WITHOUT WRITTEN PERMISSION. COPYRIGHT (C) 1983. DIGITAL EQUIPMENT CORPORATION"					

LINE	ITEM	DOCUMENT	NUMBER
------	------	----------	--------

DESCRIPTION

JA JC JD JH JE JF

SHEET A2 OF A2

26 NOTE: SHIPPED AS PART OF ASSEMBLY KIT.

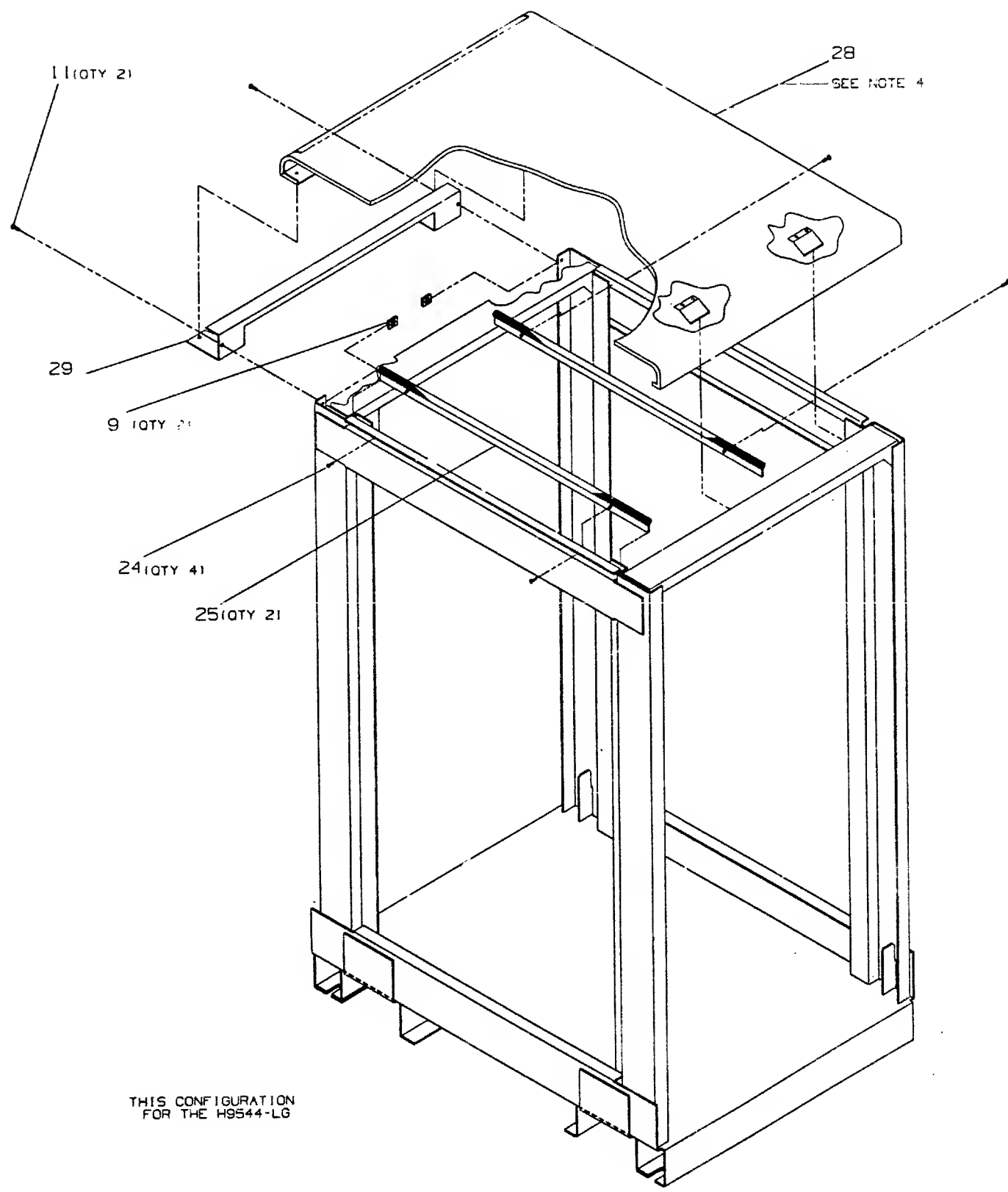
D	I	G	I	T	A	L	TITLE	H9544-J CABINET ADD-ON KIT	SECTION A OF A	SIZE	CODE	DOCUMENT NUMBER	REV
CHK	HH	63								K	PL	H9544-J-DBP	E

[illegible]



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THIS CONFIGURATION  
FOR THE H9544-LG

REVISION HISTORY		
DATE	DESCRIPTION	BY

TITLE H9544-L  
TOP COVER

DOCUMENT NUMBER  
EUAH9544-L-O F

SCALE 1/1 SHEET 3 OF 3

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AUTOMATED BY PRTLST.3K(26)

PARTS LIST

SHEET A1 OF A2

AUTOMATED BY: PRTES13K1287						MIN	QTY PER VARIATION									
LINE	ITEM	TOP DOCUMENT	PART NUMBER	REV	DESCRIPTION		LA	LC	LB	LD	LG	LJ	LK	LL	LM	
						VARIATION REVISION LEVEL:										
1	1	D-MD-7422242-0-0	7422242-00		COVER, TOP FRONT (SINGLE BAY)	1	-	-	-	-	-	-	-	-	-	
2	2	E-AD-7016545-0-0	7016545-00		COVER ASSY TOP REAR (SINGLE BAY)	1	-	-	-	-	-	-	-	-	-	
3	3	D-MD-7422244-0-0	7422244-00		BRACKET, REAR VENT SUPPORT (SINGL	-	-	1	-	-	-	-	-	-	-	
4	4	D-IA-7422281-0-0	7422281-00		COVER, TOP FRONT (1 1/2 BAY)	-	1	-	-	-	-	-	-	-	-	
5	5	E-AD-7016671-0-0	7016671-00		COVER ASSY TOP REAR (1/2 BAY)	-	1	-	1	-	-	-	-	-	-	
6	6	E-MD-7422271-0-0	7422271-00		BRKT, REAR VENT SUPPORT (1-1/2 BA	-	1	-	1	-	-	-	-	-	-	
7	7		9006070-02		SCREW, MACH FLAT PHIL 10-	2	-	2	-	-	-	-	-	-	-	
8	8		9007651-00		*** THIS ITEM IS NOT USED ***	-	-	-	-	-	-	-	-	-	-	
9	9		9007786-00		RETAINER, U-NUT 10-32X	3	3	3	3	2	2	2	2	2	2	
10	10		9008965-00		NUT, HEX SLF LCKNG NYL INS 10-32	3	3	3	3	-	-	-	-	-	-	
11	11		9009700-00		SCREW, SEMS TRUSS PHIL 10-	2	2	2	2	2	2	2	2	2	2	
12	12		9006664-00		WASHER, FLAT SST	4	4	4	4	-	-	-	-	-	-	
13	13		9007906-00		*** THIS ITEM IS NOT USED ***	-	-	-	-	-	-	-	-	-	-	
14	14	D-IA-7422257-0-0	7422257-00		COVER, TOP FRONT (1-1/2 BAY)	-	-	-	1	-	-	-	-	-	-	
15	15		2200028-00		*** THIS ITEM IS NOT USED ***	-	-	-	-	-	-	-	-	-	-	
16	16		2200028-01		*** THIS ITEM IS NOT USED ***	-	-	-	-	-	-	-	-	-	-	
17	17		9000026-03		FASTENER, 1/4 TURN FLUSH	-	2	-	2	-	-	-	-	-	-	
18	18		9010287-00		/REPLACED BY 90-10434-01	-	2	-	2	-	-	-	-	-	-	
19	19		9008981-00		WASHER, RETAINER SPLIT STEEL	-	2	-	2	-	-	-	-	-	-	
20	20	E-AD-7016545-0-0	7016545-01		COVER ASSY, TOP REAR	-	-	1	-	-	-	-	-	-	-	
21	21	D-MD-7422244-0-0	7422244-01		*** THIS ITEM IS NOT USED ***	-	-	-	-	-	-	-	-	-	-	
22	22	D-MD-7422242-0-0	7422242-01		COVER, TOP FRONT	-	-	1	-	-	-	-	-	-	-	
23	23		9010156-00		SCREW, SEMS HEX 10-	1	1	1	1	-	-	-	-	-	-	
24	24		9009985-01		SCREW, SEMS HEX SLOT 8-	-	-	-	-	4	4	4	6	4	4	
25	25	A-PS-1220589-0-0	1220589-01		SHIELD, NEOPRENE, RFI 19.75LGX3/8	0	-	-	-	2	2	2	3	2	2	
26	26	D-IA-7019768-0-DBU	7427349-01		BRACKET, TOP COVER (1-1/2 BAY)	-	-	-	-	-	1	1	1	-	-	
27	27	E-AD-7019768-0-DBU	7019768-00		TOP COVER ASSY	-	-	-	-	-	1	-	-	-	-	
28	28	E-IA-7019803-0-DBU	7019803-00		COVER TOP ASSY	-	-	-	-	1	-	-	-	-	-	
29	29	D-IA-7427478-0-DBU	7427478-01		BRACKET, TOP REAR	-	-	-	-	1	-	-	-	-	1	
30	30	E-AD-7019807-0-DBU	7019807-00		COVER, TOP SHIELD ASSY	-	-	-	-	-	-	1	-	-	-	

REVISION HISTORY			BASIC PART NO: H9544		DRN: M. JOSEPH	DATE: 14-MAR-79	D I G I T A L							
ENG	ECO NUMBER	REV	SECTION A OF A		CHK'D: S. ROBERTS	DATE: 14-MAR-79	TITLE PARTS LIST							
---	INITIAL	*	SECTION VARIATION INDEX				H9544-L TOP COVER							
DS	H9544-L-ML003	B	[A] LA, LC, LB, LD, LG, LJ,											
DB	H9544-L-ML004	C	LK, LL, LM											
RB	H9544L-ML005	D	[B]		DES. ENG: W. F. MC CARTHY	DATE: 14-MAR-79	DOCUMENT NUMBER							
RC	H9544-L-LTN07	E					SIZE CODE NUMBER REV							
RC	H9544-L-LTN08	F	[C]											
			[D]		RESP. ENG.: P. DUBE	DATE: 14-MAR-79	K PL H9544-L-DBP F							
			[E]											
			[F]		MFG. ENG.: J. SOUZA	DATE: 14-MAR-79	RELEASE DATE: 09-MAY-84							
					ASSEMBLY NUMBER:	TOP DOCUMENT NUMBER:	FILE NAME:		EDIT #					
					E-UA-H9544-L-0		Z0244F.PLS		3					

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AUTOMATED BY PRTLST.3K(26)

PARTS LIST

LINE ITEM TOP DOCUMENT

PART NUMBER REV DESCRIPTION  
MIN VARIATION REVISION LEVEL:

QTY PER VARIATION  
LA LC LB LD LG LJ LK LL LM

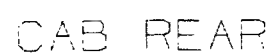
31	31	E-AD-7020417-0-DBU	7020417-00	COVER, TOP SHIELD ASSY.	-	-	-	-	-	-	-	1	-
32	32	E-AD-7019619-0-0	7019619-01	TOP COVER ASSY (11730)	-	-	-	-	-	-	-	-	1

33 NOTE: 90 CLASS ITEMS SHOWN ABOVE ARE REQUIRED FOR ASSEMBLY,  
34 NOTE: BUT ARE NOT SHIPPED AS PART OF THE ASSEMBLY KIT.

D I G I T A L	TITLE	H9544-L TOP COVER	SECTION A OF A	SIZE	CODE	DOCUMENT NUMBER	REV
				K	PL	H9544-L-DBP	F

NOTES:

1. FOR TORQUE VALUES SEE  
A SP-7665328 0-0.

[illegible]

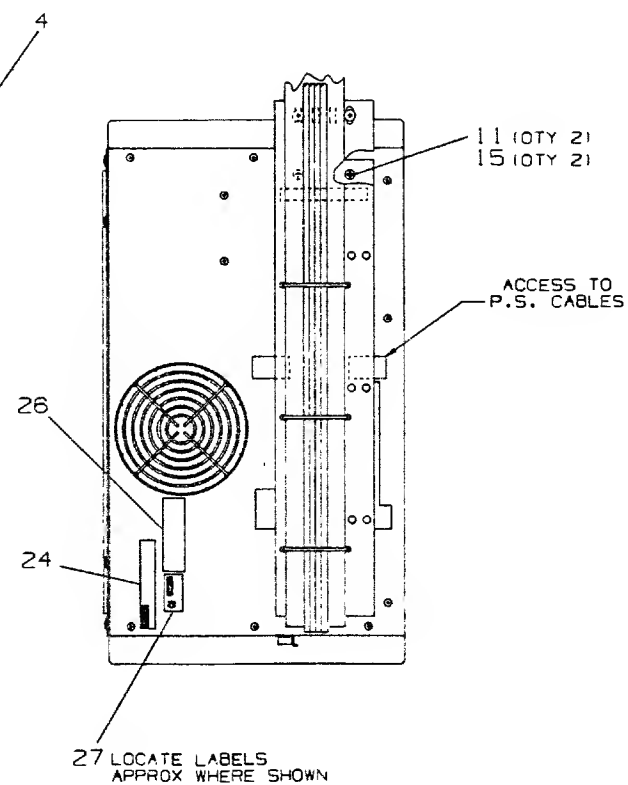
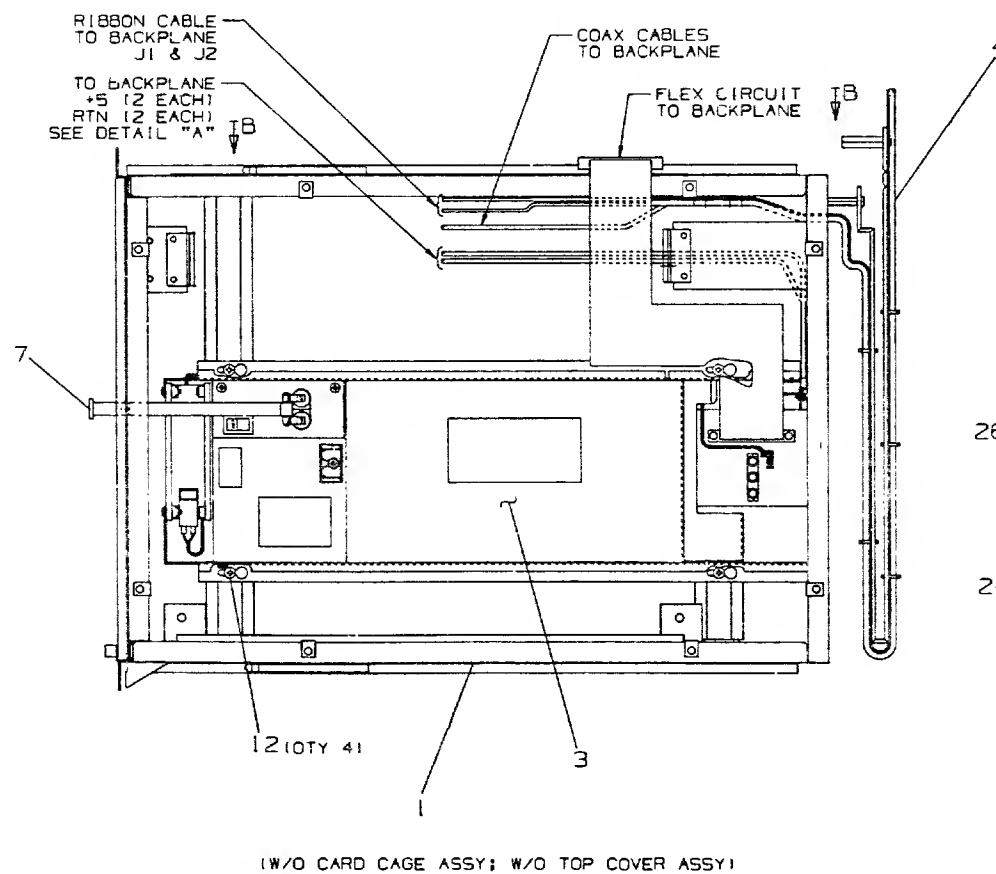
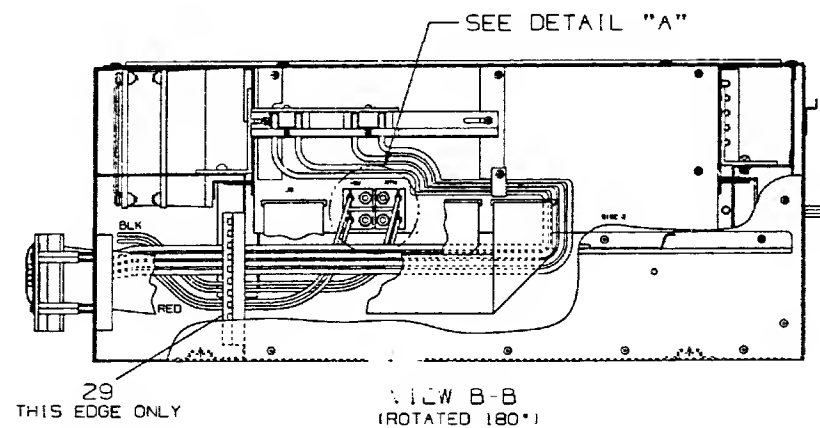
LINE	ITEM	DOCUMENT NUMBER	PART NUMBER	DESCRIPTION	QUANTITY PER VARIATION	SK
1	1	E-AD-7019794-0-DBU	7019794-00	COVER, I/O SHIELD ASSY	1	
2	2	D-AD-7020393-0-DBU	7020393-00	FRAME, I/O POWER ASSY.	1	
3	3	D-MD-7426407-0-DBU	7426407-01	PANEL, SUB, DOUBLE	5	
4	4		9009546-00	SCREW, SEMS PAN PHIL	4-	10
5	5		9007786-00	RETAINER, U-NUT	10-32X	6
6	6		9010155-00	SCREW, SEMS PAN PHIL	6-	9
7	7		9009700-00	SCREW, SEMS TRUSS PHIL	10-	6
8	8		9010253-00	SCREW, SEMS PAN PHIL	10-	2

9 NOTE: 90 CARS ITEMS SHOWN ABOVE ARE REQUIRED FOR ASSEMBLY, BUT ARE NOT SHIPPED AS PART OF THE KIT.

REVISION HISTORY		BASIC PART NO: H9544		DRN: M. JOSEPH	DATE: 10-SEP-82	D I G I T A L			
ENG	ECO NUMBER	REV	SECTION A OF A	CHK'D: F. HALLIDAY	DATE: 10-SEP-82	TITLE PARTS LIST			
RC	INITIAL H9544-SK-LTN01	A B	SECTION. VARIATION INDEX [A] SK	DES.ENG.: R. BELLIVEAU	DATE: 10-SEP-82	H9544-SK FRAME 1/O POWER CONT. KIT ASSY			
			[B]	RESP.ENG.: R. BELLIVEAU	DATE: 10-SEP-82	DOCUMENT NUMBER			
			[C]	MFG.ENG.: J. SOUZA	DATE: 10-SEP-82	SIZE	CODE	NUMBER	REV
			[D]	ASSEMBLY NUMBER: E-AR-H9544-SK-DBU	TOP DOCUMENT NUMBER: E-AR-H9544-SK-DBU	K	PL	H9544-SK-DBP	B
			[E]					FILE NAME: Z5584B.PLS	EDIT # 12
			[F]	<p>"THIS DRAWING AND SPECIFICATIONS HEREIN, ARE THE PROPERTY OF DIGITAL EQUIPMENT CORPORATION AND SHALL NOT BE REPRODUCED OR COPIED OR USED IN WHOLE OR IN PART AS THE BASIS FOR THE MANUFACTURE OR SALE OF ITEMS WITHOUT WRITTEN PERMISSION. COPYRIGHT (C) 1983. DIGITAL EQUIPMENT CORPORATION"</p>					

LEGEND		
PART NO	REV	VARIATION
70207C0-01	B1	AS SHOWN

NOTES:  
1. LOCATE APPROXIMATELY WHERE SHOWN.



LAYER 5: FORMAT LAYER SHEET 2 & 3  
LAYER 4: WORK LAYER SHEET 3  
LAYER 3: WORK LAYER SHEET 2  
LAYER 2: FORMAT LAYER SHEET 1  
LAYER 1: WORK LAYER SHEET 1

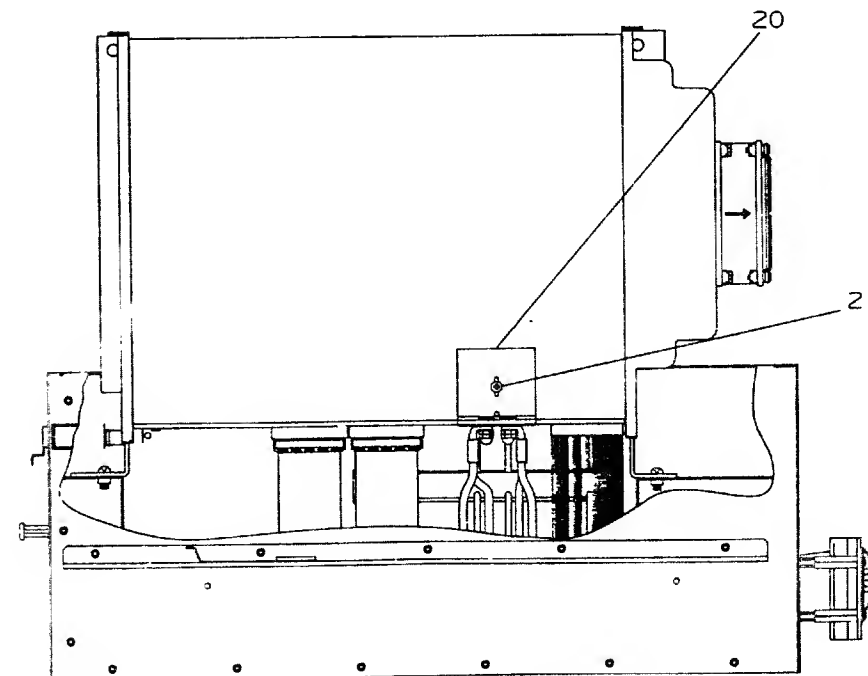
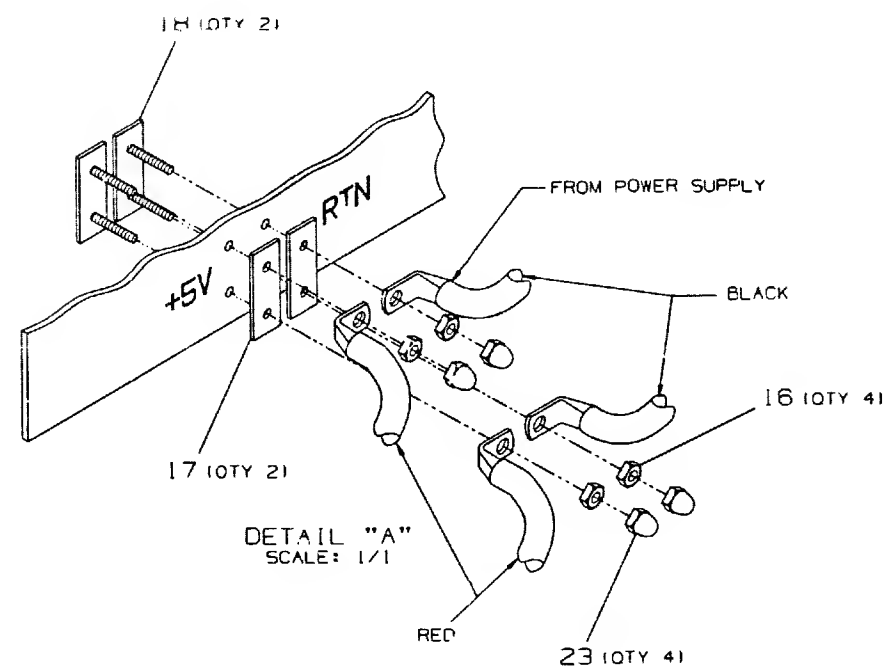
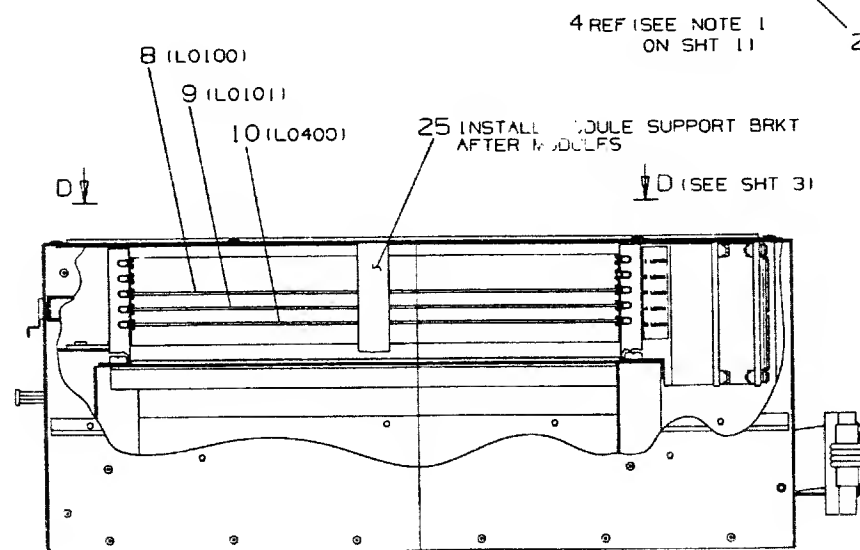
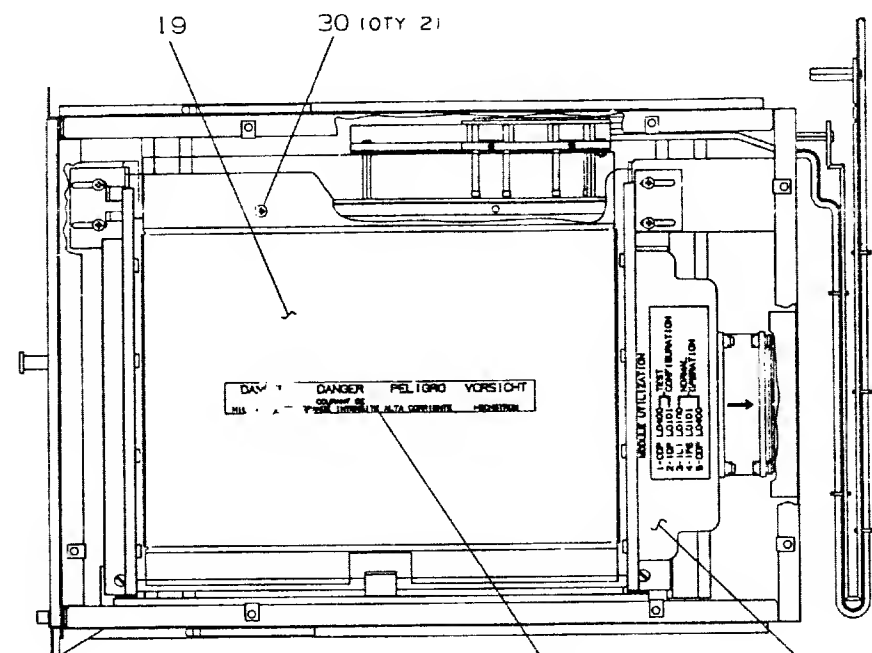
PLOT AT: .500

CAUTION: FOR OFF SHEET PARTS LIST  
SEE K-PL-7020700-0-DBP (Z6422)

REVISIONS	
CHANGE NO.	REV.
INITIAL	A
702074218001	B
GAGNER	08JUL84
MARTIN	08AUG84

QUANTITY & VARIATION		DESCRIPTION		DRAWING NO.		PART NO.		ITEM NO.	
		UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES AND THE FOLLOWING TOLERANCES APPLY (PER DEC STD 114)							
.51 ± .01 .005 ± .002 .00015 ± .0001		HIDDEN TOLERANCES		UNLESS NOTED OTHERWISE		DIMENSION RANGE IN INCHES		DIMENSION RANGE IN INCHES	
		SURFACE QUALITY		APPLICABLE DIMENSIONS		DIMENSION RANGE IN INCHES		DIMENSION RANGE IN INCHES	
THIRD ANGLE PROJECTION		DIM. E. HANSEN		DATE 12/21/93		TITLE		11/11/93	
		DIM. B. P. HALL (DAY)		DATE 01.11.93		C1750-C ASSY		11/11/93	
DO NOT SCALE DRAWING		DIM. B. R. MONROE		DATE 01.11.93		REMOVED BURRS AND BREAK SHARP CORNERS		11/11/93	
		DIM. B. R. MONROE		DATE 01.11.93		MATERIAL SEE PARTS LIST		11/11/93	
MATERIAL SEE PARTS LIST		DIM. B. R. MONROE		DATE 01.11.93		REMOVED BURRS AND BREAK SHARP CORNERS		11/11/93	
		DIM. B. R. MONROE		DATE 01.11.93		MATERIAL SEE PARTS LIST		11/11/93	

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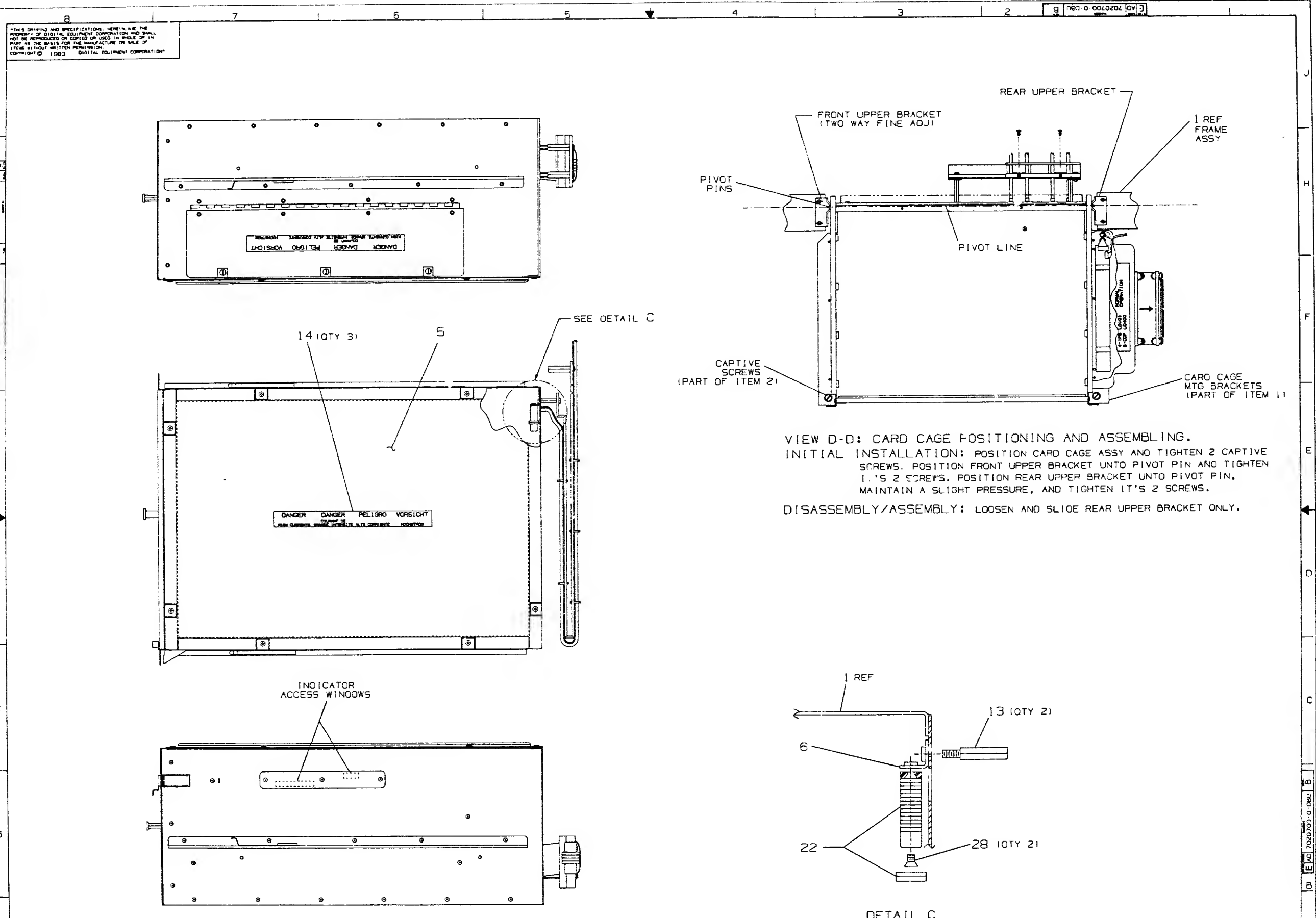


PLOT AT: .500

DATE	REVISION HISTORY

7020700-0 DBU B

DOCUMENT NUMBER	REVISION
7020700-0 DBU B	B



LINE	ITEM	TOP DOCUMENT	PART NUMBER	MIN REV	DESCRIPTION	QTY PER VARIATION	
						01	81
					VARIATION REVISION LEVEL:		
1	1	E-IA-7020406-0-DBU	7020406-01	8	FRAME ASSY	1	
2	2	E-IA-7020408-0-DBU	7020408-01	C	CARD CAGE ASSY.	1	
3	3	E-IA-7020407-0-DBU	7020407-01		POWER SUPPLY ASSY.	1	
4	4	E-IA-7020447-0-DBU	7020447-01		RETRACTOR ASSY.	1	
5	5	E-AD-7020642-0-DBU	7020642-01	8	COVER, TOP ASSY.	1	
6	6	C-IA-7427380-0-DBU	7427380-01		BRACKET, RET	1	
7	7	D-MD-7428678-0-DBU	7428678-01	8	BRACKET,CIRCUIT BREAKER	1	
8	8		L0100-00		ILI (CI LINK INTERFACE),HEX 12	1	
9	9		L0101-00		IP8 (CI CONTROL STORE & PACKET B	1	
10	10		L0400-00		CDP (CI750 DATA PATH MODULE),4-L	1	
11	11		9009545-01		SCREW,SEMS PAN PHIL (F) 8-	2	
12	12		9009988-08		SCREW,SEMS HEX SLOT 8-	4	
13	13		9000001-03		STANDOFF,MALE/FEMALE HEX 8-32	2	
14	14	A-PS-3615087-0-0	3615087-02		LABEL,"DANGER-HIGH CURRENT"	3	
AT15	15	SST 2	9006660-00		WASHER,FL		
16	16		9006565-00		NUT,HEX EXT TOOTH LCKWSHR 10-32	4	
17	17	B-MD-7423050-0-DB	7423050-00		COVER PLATE	2	
18	18	B-IA-7423049-0-DBU	7423049-00		STUD PLATE	2	
19	19	E-MD-7427861-0-DBU	74278 (F)61-01	8	COVER,CARD CAGE	1	
20	20	C-MD-7428979-0-DBU	7428979-01		COVER,LEXAN	1	
21	21		9009643-02		SCREW,SEMS PAN PHIL 4-	1	
22	22		1219059-00		CLIP FLAT WIRE ADH MMNT ACCOM	1	
23	23	9006610-00	NUT,CAP,RELOCK 10-32X .438AF NYL 4				
24	24	A-PS-3617674-0-0	3617674-00		LABEL,SERIAL/POWER W/O UL + CSA	1	
25	25	D-MD-7428427-0-DBU	7428427-01		BRACKET, MODULE SUPPORT	1	
26	26	A-PS-3617880-0-0	3617880-09		LABEL,CLASS "A" SUBASSEMBLY	1	
27	27	A-PS-3613211-0-0	3613211-01		DECAL,CLEAR PREPRINTED CSA 1-1/4	1	
28	28		9006020-02		SCREW,MACH FLAT PHIL 6-	2	
29	29		9009718-04		GROMMET,STRIP STYRENE	1	
30	30		9000049-24		SCREW,SEMS PAN PHIL 6-	2	

IF

REVISION HISTORY			BASIC PART NO: 7020700			D I G I T A L		
ENG	ECO NUMBER	REV	SECTION A OF A	DRN:	E HANSEN	DATE: 25-JAN-83	IF	
---	INITIAL	A	SECTION VARIATION INDEX	CHK'D:	F HALLIDAY	DATE: 25-JAN-83		
BM	7020700-TW001	B	IA)01					
			(8)	DES.ENG:	B MONDOR	DATE: 25-JAN-83		DOCUMENT NUMBER
			(C)					SIZE CODE NUMBER REV
			(D)	(F)RESP.ENG.:	8 MONDOR	DATE: 25-JAN-83	K	PL 7020700-0-DBP B
			(E)	MFG.ENG.:	B SMITH	DATE: 25-JAN-83		RELEASE DATE: 11-OCT-84
			(F)	ASSEMBLY NUMBER:		TOP DOCUMENT NUMBER:		FILE NAME: EDIT #
				E-AD-7020700-0-DBU		E-AD-7020700-0-DBU		Z6422B.PLS 13

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### WIRE TABLE

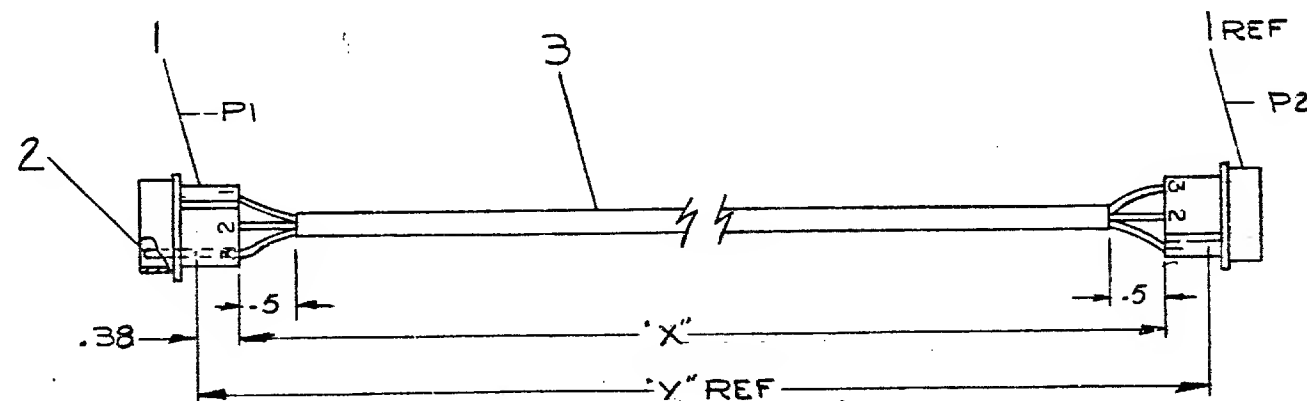
ITEM NO	DESCRIPTION	FROM			TO		
		AWG	COLOR	CONNECTION	WITH	CONNECTION	WITH
3	22	RED	PI-1		2	P2-1	2
3	22	BLK	PI-2		2	P2-2	2
3	22	GRN	PI-3		2	P2-3	2

### LEGEND

NUMBER	DIM'X VARIATION	DIM'Y (PRECUT) REF
7008288-3F	3FT. 6IN ± 1IN.	3FT. 6.8IN ± 1IN.
7008288-8F	8FT. 6IN ± 2IN.	8FT. 6.8IN ± 2IN.
7008288-06	6FT. ± 2IN.	6FT. 0.8IN ± 2IN.
7008288-12	12FT. ± 3IN.	12FT. 0.8IN ± 3IN.
7008288-05	5FT. ± 1IN.	5FT. 0.8IN ± 2IN.
7008288-10	10FT. ± 2IN.	10FT. 0.8IN ± 3IN.
7008288-15	15FT. ± 3IN.	15FT. 0.8IN ± 3IN.
7008288-08	8FT. ± 2IN.	8FT. 0.8IN ± 2IN.
7008288-30	30FT. ± 7IN.	30FT. 0.8IN ± 7IN.
7008288-40	40FT. ± 10IN.	40FT. 0.8IN ± 10IN.
7008288-25	25FT. ± 10IN.	25FT. 0.8IN ± 10IN.

### NOTES:

~~THE REMAINING BLK WIRE IS TO BE CUT BACK AT JACKET (BOTH ENDS.)~~



REVISIONS		CHANGE NO.	REV.
CHK	YB	7008288-00001	A
R. BURTON		10-25-72	
8/8	7008288-00002	B	
G. Lewis		8-5-74	
D. LEWIS		8-13-74	
8/8	7008288-00003	C	
G. Lewis		3-27-75	
B. MINOR		3-28-75	
Q/9	7008288-00004	D	
J. PROVIDENT		6-10-75	
8/8	7008288-00005	E	
F. DOLL		5-MAR-76	
8/8	7008288-00006	F	
MCINTYRE		23-MAR-76	
8/8	7012401-00003	H	
I. MORRIS		23 May 77	
8/8	7008288-ML007	J	
CASTELLANOS		5/2/80	

FIRST USED ON OPTION/MODEL  
**PDP/11**

UNLESS OTHERWISE SPECIFIED  
DIMENSION IN INCHES  
TOLERANCES  
ANGLES  
± 0°30'

FINAL SURFACE QUALITY  
REMOVE BURRS AND BREAK SHARP CORNERS

MATERIAL  
SEE PARTS LIST

FINISH  
H

A/R	WIRE, 3 COND #22 AWG	9107756	3
6	PIN MALE #60620-1	1209378-03	2
2	PIN HOUSING #1-480305-0	1209351-03	1
QTY.	DESCRIPTION	PART NO.	ITEM NO.
PARTS LIST			
DRN.	DATE	<b>digital</b> EQUIPMENT CORPORATION MAYNARD, MASSACHUSETTS	
CHK'D	DATE		
ENG	DATE		
PROJ. ENG.	DATE		
PROD.	DATE		
TITLE		CABLE ASSY	
SCALE		SIZE CODE	NUMBER
SHEET 1 OF 1		CIA 7008288-0-0	REV. J





LINE	ITEM	TOP DOCUMENT	PART NUMBER	MIN REV	DESCRIPTION	QTY PER VARIATION	
						01	81
					VARIATION REVISION LEVEL:		
1	1	E-MD-7430175-0-0	7430175-01		FRAME,BOTTOM	1	
2	2	E-IA-7430176-0-0	7430176-01		FRAME,RIGHT SIDE	1	
3	3	E-IA-7430177-0-0	7430177-01		FRAME,LEFT SIDE	1	
4	4	E-IA-7430179-0-0	7430179-01		FRAME,REAR	1	
5	5	E-MD-7430178-0-0	7430178-01		FRAME,FRONT	1	
6	6	D-IA-7427863-0-DBU	7427863-01	C	STRUT,80TTOM	2	
7	7	D-IA-7430180-0-0	7430180-01		BRACKET,C/C MOUNT	2	
8	8	D-MD-7430181-0-0	7430181-01		BRACKET,LOWER,FRONT	1	
9	9	D-MD-7430181-0-0	7430181-02		BRACKET,LOWER,REAR	1	
10	10	C-IA-7430310-0-0	7430310-01		BRACKET,UPPER,FRONT	1	
11	11	C-MD-7430311-0-0	7430311-01		BRACKET,UPPER,REAR	1	
12	12	C-IA-7428677-0-DBU	7428677-01	C	BRACKET,CIRCUIT	1	
13	13	BLANK			*** THIS ITEM IS NOT USED ***	-	
14	14	D-MD-7427865-0-DBU	7427865-01	8	HINGE,DOOR	1	
15	15	C-IA-7430183-0-0	7430183-01		PLATE,NUT	2	
16	16	D-MD-7430185-0-DBU	7430185-01		DOOR,SIDE	1	
17	17	C-MD-7430184-0-0	7430184-01		WINDOW,PLASTIC	1	
18	18	D-MD-7421616-0-0	7421616-02		SPRING,BOX LOCK	1	
19	19	D-MD-7427862-0-DBU	7427862-01	8	FOAM,CARD CAGE	1	
20	20	D-MD-7427867-0-DBU	7427867-01	B	FOAM,PAN	1	
21	21	D-MD-7427866-0-DBU	7427866-01		FILTER,FOAM	1	
22	22	C-MD-7423073-0-DBU	7423073-00		VELCRO STRIP, UPPER	2	
23	23	C-MD-7423073-0-DBU	7423073-03		STRIP,VELCRO	2	
24	24		9000030-01		RIVET,8LIND DOME 0.156DX0.300	45	
25	25		9000030-10		RIVET,8LIND DOME 0.125DX0.275	37	
26	26	8LANK			*** THIS ITEM IS NOT USED ***	-	
27	27		1213686-01		MOUNTING RAIL FOR 12-13686-00	1	
28	28		9010434-01		RECEPTACLE,CLIP-ON STEEL	11	
29	29		9000026-02		FASTENER,1/4 TURN OVAL	3	
30	30		9010308-00		RETAINER,PUSH-ON SS/PAS	3	

REVISION HISTORY			BASIC PART NO: 7020406		DRN: A PINKARD		DATE: 10-SEP-84		D I G I T A L			
ENG	ECO NUMBER	REV	SECTION A OF A						TITLE PARTS LIST			
---	INITIAL	B	SECTION VARIATION INDEX		CHK'D: F HALLIDAY		DATE: 10-SEP-84		FRAME ASSY			
			(A)01									
			(B)		DES.ENG: B MONDOR		DATE: 10-SEP-84		DOCUMENT NUMBER			
			(C)						SIZE CODE NUMBER REV			
			(D)		RESP.ENG.: B MONDOR		DATE: 10-SEP-84		K PL 7020406-0-D8P B			
			(E)		MFG.ENG.: B SMITH		DATE: 10-SEP-84		RELEASE DATE: 19-DEC-84			
			(F)		ASSEMBLY NUMBER:		TOP DOCUMENT NUMBER:		FILE NAME:		EDIT #	
					E-AD-7020406-0-DBU		E-AD-7020406-0-DBU		Z59178.PLS		6	

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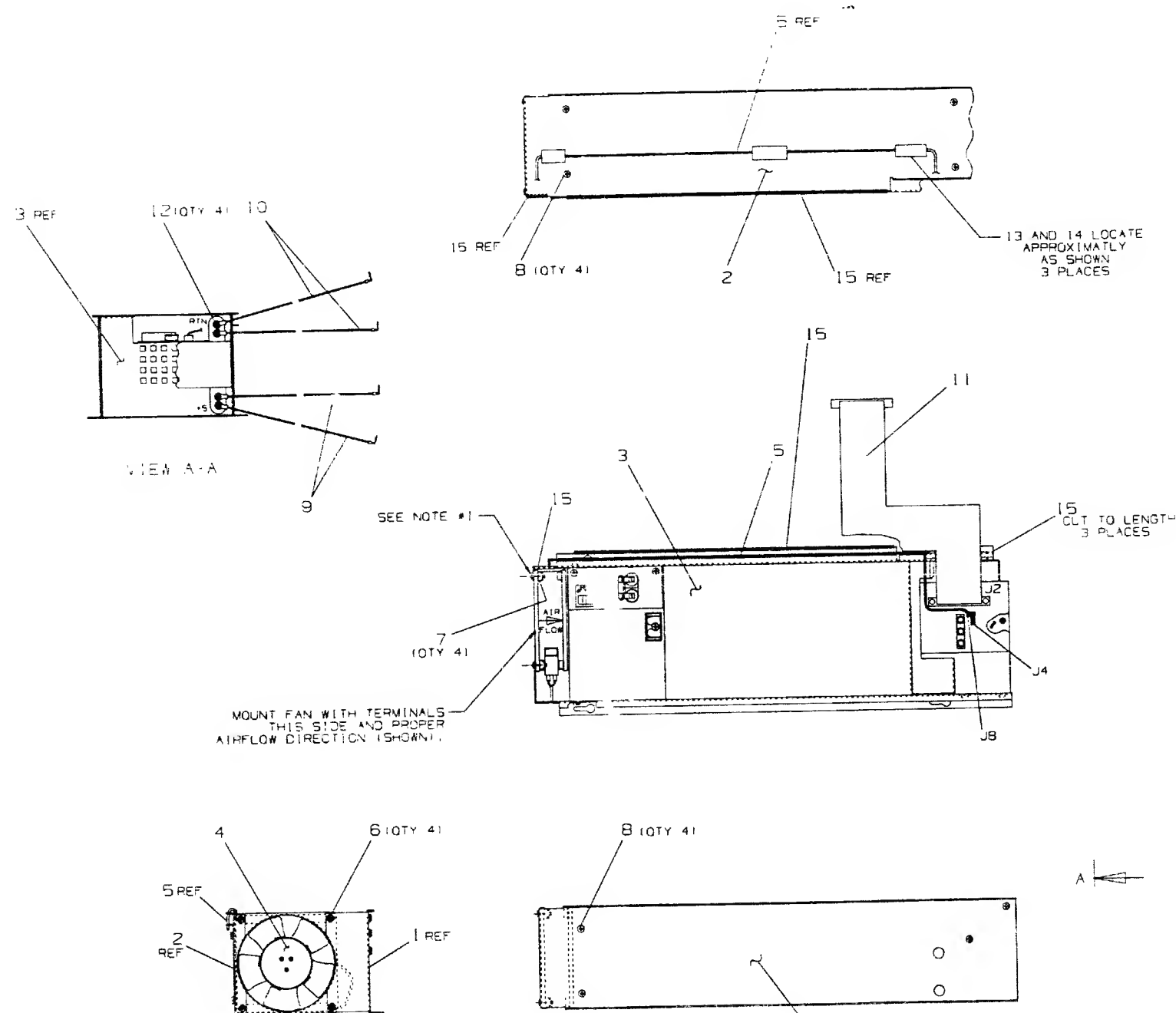
AUTOMATED BY PRTLST.5R(55)

P A R T S L I S T

LINE	ITEM	TOP DOCUMENT	PART NUMBER	MIN REV	DESCRIPTION	VARIATION REVISION LEVEL:	QTY PER VARIATION
31	31		9006039-01		SCREW,MACH PAN PHIL		01 B1 8- 4

D	I	G	I	T	A	L	TITLE	FRAME ASSY	SECTION A OF A	SIZE	CODE	DOCUMENT NUMBER	REV
										K	PL	7020406-0-DBP	B

NOTES:  
1. INSERT SCREWS WITH 6 IN. LBS OF TORQUE  
MAX.



LAYER #3: FORMAT LAYER  
LAYER #2: WORK LAYER  
LAYER #1: INFORMATION LAYER  
PLOT AT .475

CAUTION: OFF SHEET PARTS LIST EXISTS,  
REFER TO K-PL-7020407-0-DBP  
(Z5918)

[illegible]

LINE	ITEM	DOCUMENT NUMBER	PART NUMBER	DESCRIPTION	QUANTITY PER VARIATION
					01
1	1	D-MD-7427369-0-DBU	7427369-01	BRACKET,LEFT,P.S.	1
2	2	D-MD-7427370-0-DBU	7427370-01	BRACKET,RIGHT,P.S.	1
3	3		H7202-D	H7200,H7216,120V/240V	1
4	4	A-PS-1217556-0-0	1217556-01	FAN,TUBE AXIAL 4.5" 105CFM 12V	1
5	5	D-IA-7018163-0-0	7018163-3B	CABLE, DC FAN	1
6	6		9010109-00	SCREW,SEMS PAN PHIL 6-	4
7	7		9009165-00	CLIP, FAN MOUNTING (12-05033 FAN	4
8	8		9010174-01	SCREW,SEMS PAN PHIL 8-	8
9	9	D-IA-7014529-0-0	7014529-1F	CABLE POWER 5 MEMORY RED	2
10	10	D-IA-7014250-0-0	7014250-1F	CABLE POWER RTP MEM BLK	2
11	11	A-PS-1700388-0-0	1700388-01	CIRCUIT,FLEXIBLE POWER/SIGNAL	1
12	12		9009988-08	SCREW,SEMS HEX SLOT 8-	4
13	13		9008264-00	MCUNT, CABLE TIE, ADHESIVE BACKE	3
14	14		9007032-00	TIE,CABLE BUNDL.DIA 0-1-3/4"=101	3
15	15		9010299-00	CHANNEL"U"NEOPRENE,BLK 3/32SLOT	A/R

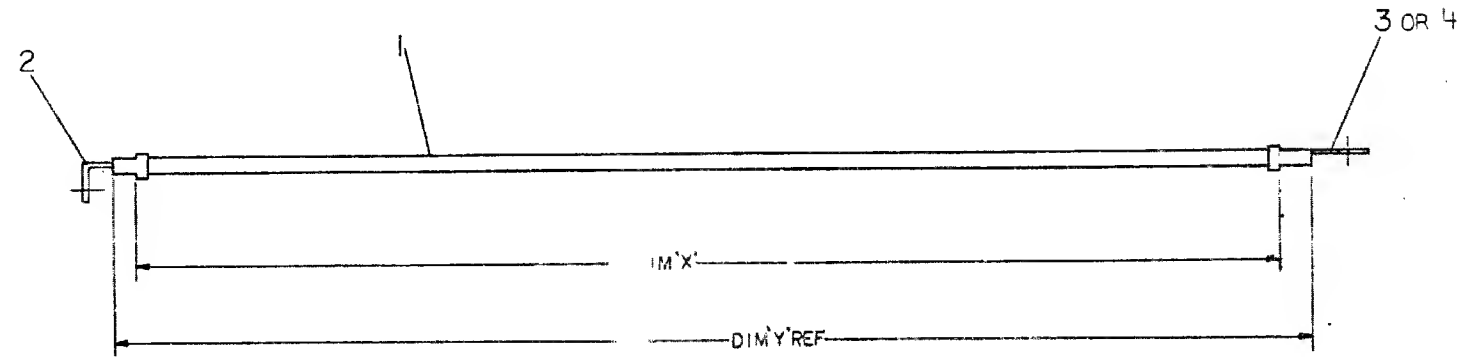
REVISION HISTORY		BASIC PART NO: 7020407		DRN: A PINKARD		DATE: 25-JAN-83		D I G I T A L	
ENG:	ECO NUMBER	REV	SECTION A OF A	CHK'D:	F HALLIDAY	DATE:	23-MAY-83	TITLE PARTS LIST	
	INITIAL	A	SECTION. VARIATION INDEX					POWER SUPPLY ASSY	
			[A] 01						
			[B]	DES.ENG.:	B MONDOR	DATE:	23-MAY-83		
			[C]	RESP.ENG.:	B MONDOR	DATE:	23-MAY-83	DOCUMENT NUMBER	
			[D]			SIZE:	CODE:	NUMBER	REV
			[E]	MFG.ENG.:	B SMITH	DATE:	23-MAY-83	K PL	7020407-0-DBP A
			[F]	ASSEMBLY NUMBER:	E-AD-7020407-0-DBU	TOP DOCUMENT NUMBER:	E-AD-7020407-0-DBU	FILE NAME:	Z5918A.PLS
									EDIT # 11

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yCHK HH 63

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LEGEND		
PART NO	DIM 'X' VARIATION	DIM 'Y' (PRECUT) REF
7014529-ID	IFT-3 IN ±.5IN	IFT-4 IN ±.5IN
7014529-2K	ØFT-8 IN ±.5IN	ØFT-9 IN ±.5IN
7014529-IF	IFT-5 IN ±.5IN	IFT-6 IN ±.5IN



CAUTION: OFF SHEET PARTS LIST EXISTS  
SEE K-PL-7014529 - 0-DBP (Z5538B.PLS)

1	CUG, POWER STRAIGHT	1211515-02	3
1	WIG, POWER 90°	1212086-02	2
1	WIRE #8 AWG STRD RED	9107765-22	1

DESCRIPTION	DWG. PART NO.	ITEM NO.
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES		
ANGLES	CLASS OF	NOMINAL DIMENSIONS IN INCHES
30° 30'	ACCURACY	OVER 12.0
SURFACE QUALITY	(CHECK ONE)	12.0 TO 15.0
IN	MEDIUM	15.0 TO 20.0
QUANTITY & VARIATION	PREFERRED	20.0 TO 25.0
	1.712	2.018
	2.028	2.204
	2.204	2.204

THIRD ANGLE PROJECTION	DRN	CHK'D	ENGR	PROL	PROD	NEXT HIGHER ASSY.
REMOVE BURRS AND BREAK SHARP CORNERS						
DO NOT SCALE DWG						
MATERIAL SEE PARTS LIST	E-LA-11780-0-0	SIZE	CODE	NUMBER	REV.	
FINISH	SCALE NONE	D	LA	7014529-0-0	8	
	SHEET	OF	DIST.			

TITLE  
CABLE, POWER (+5 MEMORY RED)

REV	DATE	BY
1	10/14/78	RL
2	10/14/78	RL
3	10/14/78	RL
4	10/14/78	RL
5	10/14/78	RL
6	10/14/78	RL
7	10/14/78	RL
8	10/14/78	RL



AUTOMATED BY PRTLST.4Q(50)

PARTS LIST

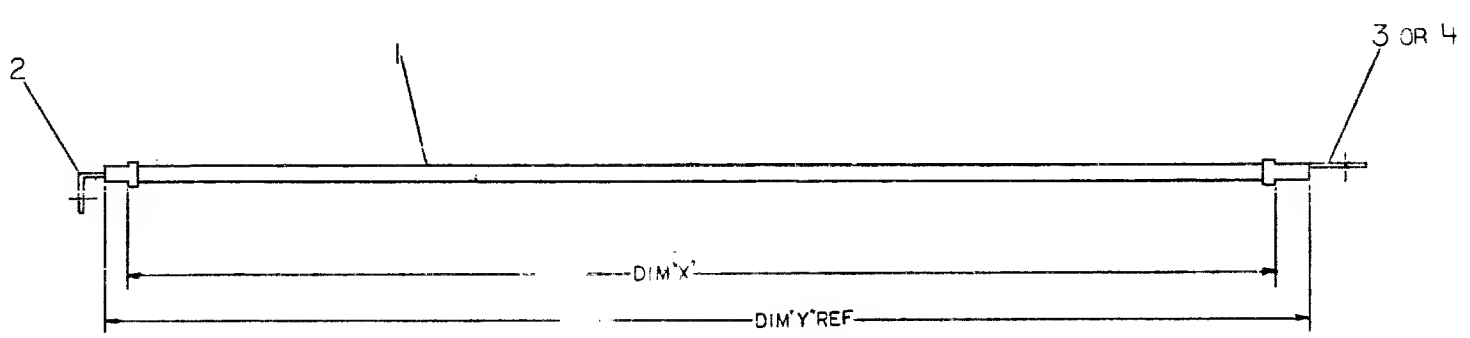
SHEET A1 OF A1

LINE	ITEM	DOCUMENT NUMBER	PART NUMBER	DESCRIPTION	QUANTITY	PER VARIATION
					1D	OK 1F
1	1		9107765-22	WIRE, 08AWG(168/30)IPVC 600V1	A/R	A/R A/R
2	2		1212086-02	TERM,RING 8,9,10STUD FLAG	1	1 1
3	3		1211515-00	TERM,RING 1/4STUD CRIMP	1	1 -
4	4		1211515-01	TERM,RING #10STUD CRIMP	-	- 1

REVISION HISTORY			BASIC PART NO: 7014529		DRN: J.FERGUSON	DATE: 27-APR-83	D I G I T A L				
ENG	ECO NUMBER	REV	SECTION A OF A	CHK'D: M.NORMAND	DATE: 27-APR-83	TITLE PARTS LIST					
---	INITIAL	B	SECTION. VARIATION INDEX	DES.ENG.: R.EDGAR	DATE: 27-APR-83	CABLE,POWER (+5 MEMORY RED)					
			[A] 1D,OK,1F	RESP.ENG.: R.EDGAR	DATE: 27-APR-83	DOCUMENT NUMBER					
			[B]	MFG.ENG.: M.MILAZZO	DATE: 27-APR-83	SIZE	CODE	NUMBER	REV		
			[C]	ASSEMBLY NUMBER: E-UA-11780-0-0	TOP DOCUMENT NUMBER: B-DD-11780-0-0	K	PL	7014529-0-DBP	B		
			[D]					FILE NAME: Z55388.PLS	EDIT #		
			[E]						5		
			[F]								
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LEGEND		
PART NO	DIM X VARIATION	DIM Y (PRECUT) REF
7014250-01	1 FT-0 IN $\pm .5$ IN	1 FT-11 IN $\pm .5$ IN
7014250-02	0 FT-8 IN $\pm .5$ IN	0 FT-9 IN $\pm .5$ IN
7014250-1F	1 FT-5 IN $\pm .5$ IN	1 FT-6 IN $\pm .5$ IN



CAUTION: OFF SHEET PARTS LIST EXISTS  
SEE K-PL 7014250-0-DBP (Z5537B, PLS)

REV	DATE	BY	CHKD
A	10/14/77	W. J. O'DELL	
B	11/14/77	R. M. MATHIAS	
C	12/14/77	R. EDGAR	

1	006-POWER STRAIGHT	11211515-00	3
1	WUG-POWER 90°	11212036-00	2
1	WIRE-GANG BLACK	9107765-00	1

DESCRIPTION		DWG. PART NO.		ITEM NO.	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES					
ANGLE	CLASS OF ACCURACY	OVER 15	OVER 15	OVER 15	OVER 15
30° 30'	13	13	13	13	13
SURFACE QUALITY	FINISH	13	13	13	13
QUALITY	FINISH	13	13	13	13
FINISH	FINISH	13	13	13	13

QUANTITY	VARIATION
1	1

THIRD ANGLE PROJECTION	REMOVE RIBS AND BREAK SHARP CORNERS	DO NOT SCALE DWG	MATERIAL SEE PARTS LIST	FINISH
------------------------	-------------------------------------	------------------	-------------------------	--------

DRN	CHK'D	FINI	PROL ENG	PROD
11/14/77	11/14/77	11/14/77	11/14/77	11/14/77

FIRST USED ON		TITLE	
VAX 11/780		CABLE, POWER (RTR MEMORY BLK)	

E-1A-11780-0-0	SIZE	CODE	NUMBER	REV
11780	D	1A	7014250-0-0	8

SHEET	OF	DIST.
1	1	1

AUTOMATED BY PRTLST.4Q(50)

PARTS LIST

SHEET A1 OF A1

LINE	ITEM	DOCUMENT NUMBER	PART NUMBER	DESCRIPTION	QUANTITY PER VARIATION		
					01	OK	1F
1	1		9107765-00	WIRE, 08AWG(168/30)IPVC 600V1	A/R	A/R	A/R
2	2		1212086-02	TERM,RING 8,9,10STUD FLAG	1	1	1
3	3		1211515-00	TERM,RING 1/4STUD CRIMP	1	1	-
4	4		1211515-01	TERM,RING #10STUD CRIMP	-	-	1

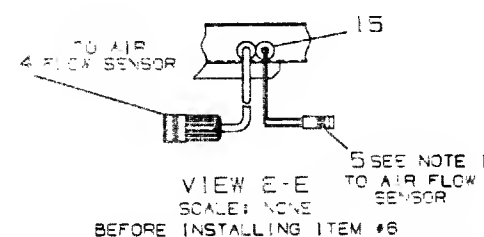
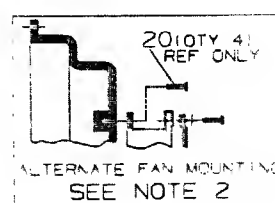
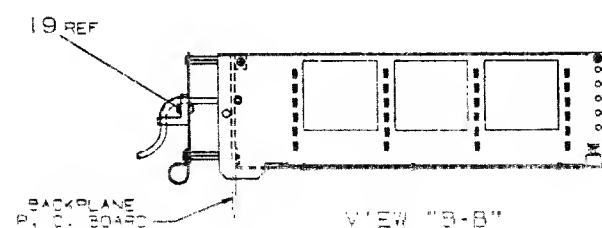
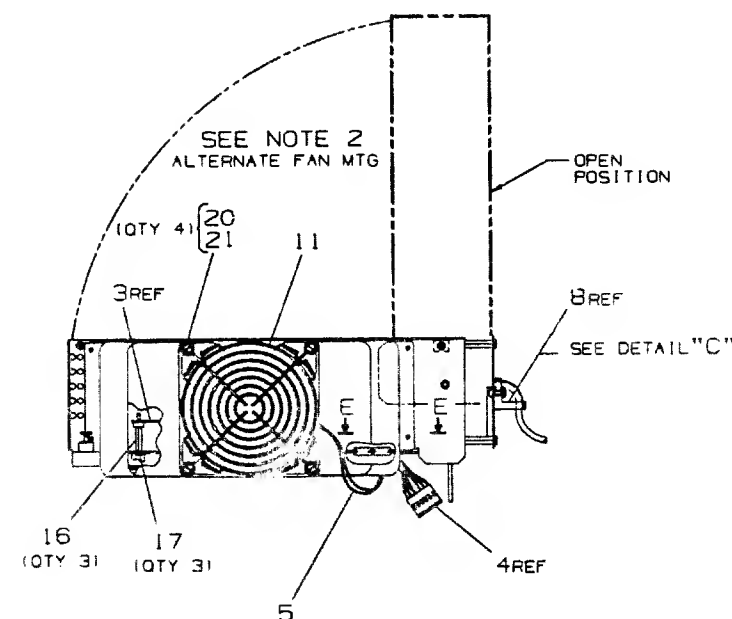
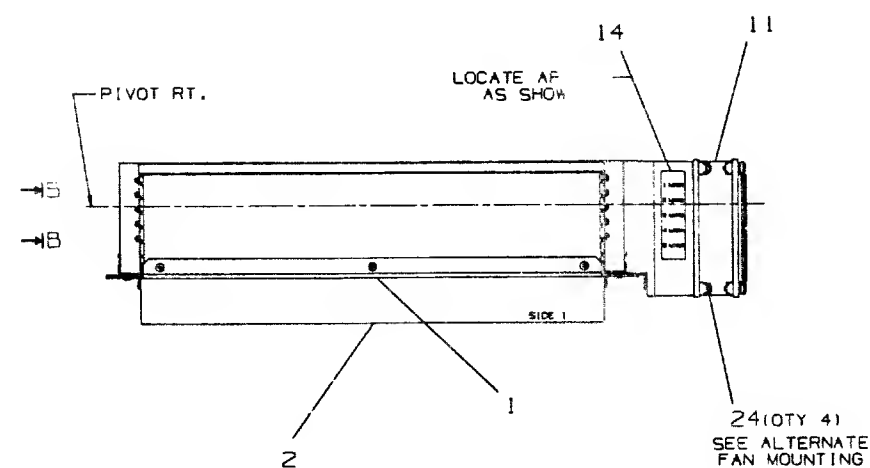
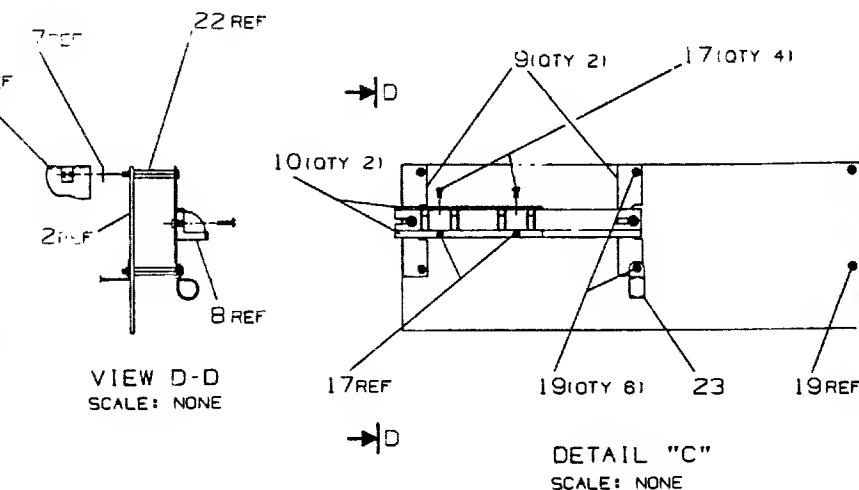
REVISION HISTORY			BASIC PART NO: 7014250			DRN: J.FERGUSON			DATE: 26-APR-83			D I G I T A L		
ENG	ECO NUMBER	REV	SECTION A OF A			CHK'D: M.NORMAND			DATE: 26-APR-83			TITLE PARTS LIST		
---	INITIAL	B	SECTION VARIATION INDEX			[A] 01,OK,1F			DATE: 26-APR-83			CABLE,POWER (RTR MEMORY BLK)		
			[B]			DES.ENG.: R.EDGAR			DATE: 26-APR-83					
			[C]			RESP.ENG.: R.EDGAR			DATE: 26-APR-83			DOCUMENT NUMBER		
			[D]									SIZE CODE NUMBER REV		
			[E]			MFG.ENG.: M.MILAZZO			DATE: 26-APR-83			K PL 7014250-0-DBP B		
			[F]			ASSEMBLY NUMBER: E-UA-11780-0-0			TOP DOCUMENT NUMBER: B-DD-11780-0-0			FILE NAME: 25537B.PLS EDIT # 7		
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REV- REVISIONS	QWEDA NO.	REV. 6
	REVISION 4 INCLINUM	
	MAGNATON TMOOZ	
	H. MURPHY	

E-AD-7020700-0-DBL

LAYER 2: FORMAT LAYER  
LAYER 1: WORK LAYER  
PLOT AT: .475  
CAUTION: OFF-SHEET PARTS LIST EXISTS  
SEE K-R/L-7020408-0-08P  
(Z5919)

- [illegible]



LINE	ITEM	TOP DOCUMENT	PART NUMBER	MIN REV	DESCRIPTION	QTY	PER VARIATION
					VARIATION REVISION LEVEL:	01	C1
1	1	E-IA-7020757-0-DBU	7020757-01	B	FRAME, CARD CAGE ASSY	1	
2	2	E-UA-5415555-0-0	5415555-00		CI750 BACKPLANE	1	
3	3	D-UA-5414340-0-0	5414340-00		AIR FLOW SENSOR	1	
4	4	D-IA-7018162-0-0	7018162-1B		SENSOR POWER CABLE	1	
5	5	D-IA-7018163-0-0	7018163-0J		CABLE DC TO FAN	1	
6	6	E-IA-7427378-0-DBU	7427378-01	B	PLENUM	1	
7	7	D-MD-7427925-0-DBU	7427925-01		INSULATOR	1	
8	8	D-IA-7428581-0-DBU	7428581-01		BRACKET,L,STRAIN RELIEF	1	
9	9	C-IA-7428368-0-DBU	7428368-01		BRACKET,LEFT STRAIN RELIEF	2	
10	10	C-MD-7428580-0-DBU	7428580-01		PLATE,STRAIN RELIEF	2	
11	11	A-PS-1210263-0-0	1210263-00		GUARD,FINGER 4.125 X 4.125 MT [F]G H	1	
12	12	A-PS-1217556-0-0	1217556-01		FAN,TUBE AXIAL 4.5" 105CFM 12V	1	
13	13	A-PS-3621737-0-0	3621737-01		LABEL,MODULE UTILIZATION,CI750	1	
14	14	A-PS-3621737-0-0	3621737-02		LABEL,SIDE,CI750	1	
15	15	RUBBER	9007017-00		GROMMET,R		
16	16		9009284-00		STANDOFF,MALE/FEMALE HEX	4-40	3
17	17		9000049-44		SCREW,SEMS PAN PHIL	4-	7
18	18		9000049-22		SCREW,SEMS PAN PHIL	6-	4
19	19		90000 [F]49-24		SCREW,SEMS PAN PHIL	6-	8
20	20		9000049-32		SCREW,SEMS PAN PHIL	6-	4
21	21		9006659-00		WASHER,FLAT S/PAS		4
22	22		9000001-29		STANDOFF,MALE/FEMALE HEX	6-3	4
23	23	9007087-00	CLAMP,CABLE,SCREW	MTD. 5/8 " 1			
24	24		9006560-00		NUT,HEX EXT TOOTH LCKWSHR	6-32	4

REVISION HISTORY			BASIC PART NO: 7020408		[F]	
ENG	ECO NUMBER	REV	SECTION A OF A	DRN: B. PELLICCIA	DATE: 12-SEP-84	D I G I T A L
4-1-1	CARD CAGE ASSY	A	SECTION VARIATION INDEX	CHK'D: F. HALLIDAY	DATE: 12-SEP-8	TITLE PARTS LIST
RM	7020408-TW001	B	[A]01			
RM	7020408-TW002	C	[B]	DES.ENG: B. MONDOR	DATE: 12-SEP-84	DOCUMENT NUMBER
			[C]	[F]		SIZE CODE NUMBER REV
			[D]	RESP.ENG.: B. MONDOR	DATE: 12-SEP-84	K PL 7020408-0-DBP C
			[E]	MFG.ENG.: B. SMITH	DATE: 12-SEP-84	RELEASE DATE: 11-OCT-84
			[F]	ASSEMBLY NUMBER:	TOP DOCUMENT NUMBER:	FILE NAME: EDIT #
			[F]	!E-IA-7020408-0-DBU	!E-IA-7020408-0-DBU	! Z5919C.PLS !

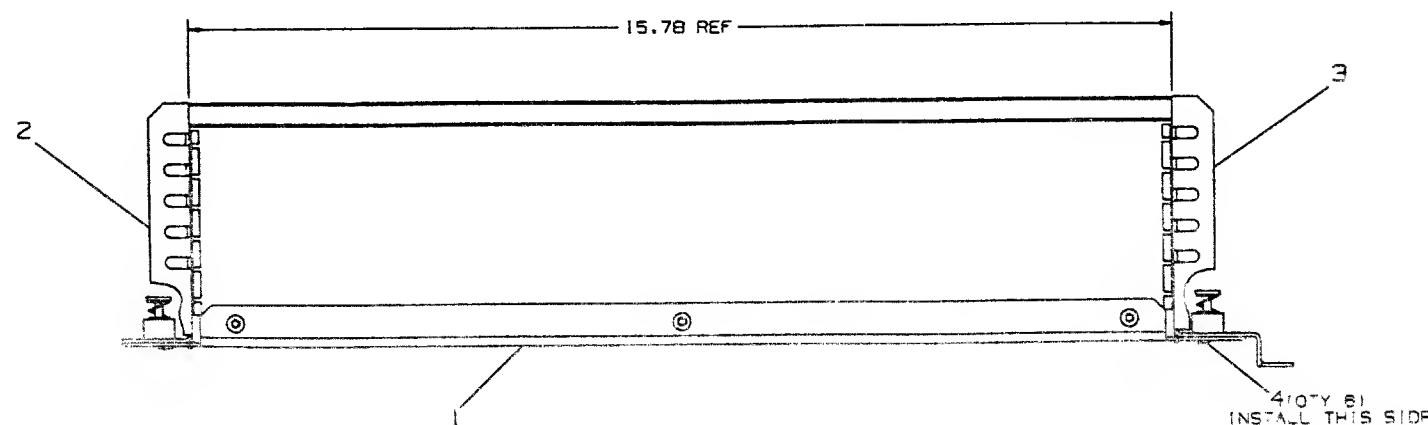
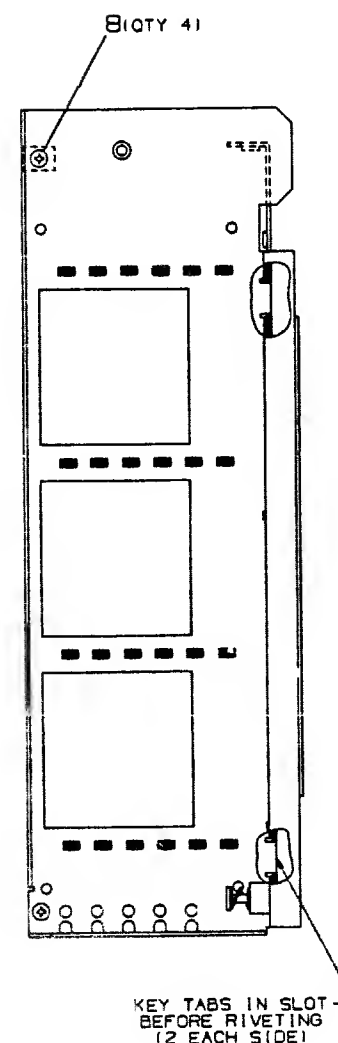
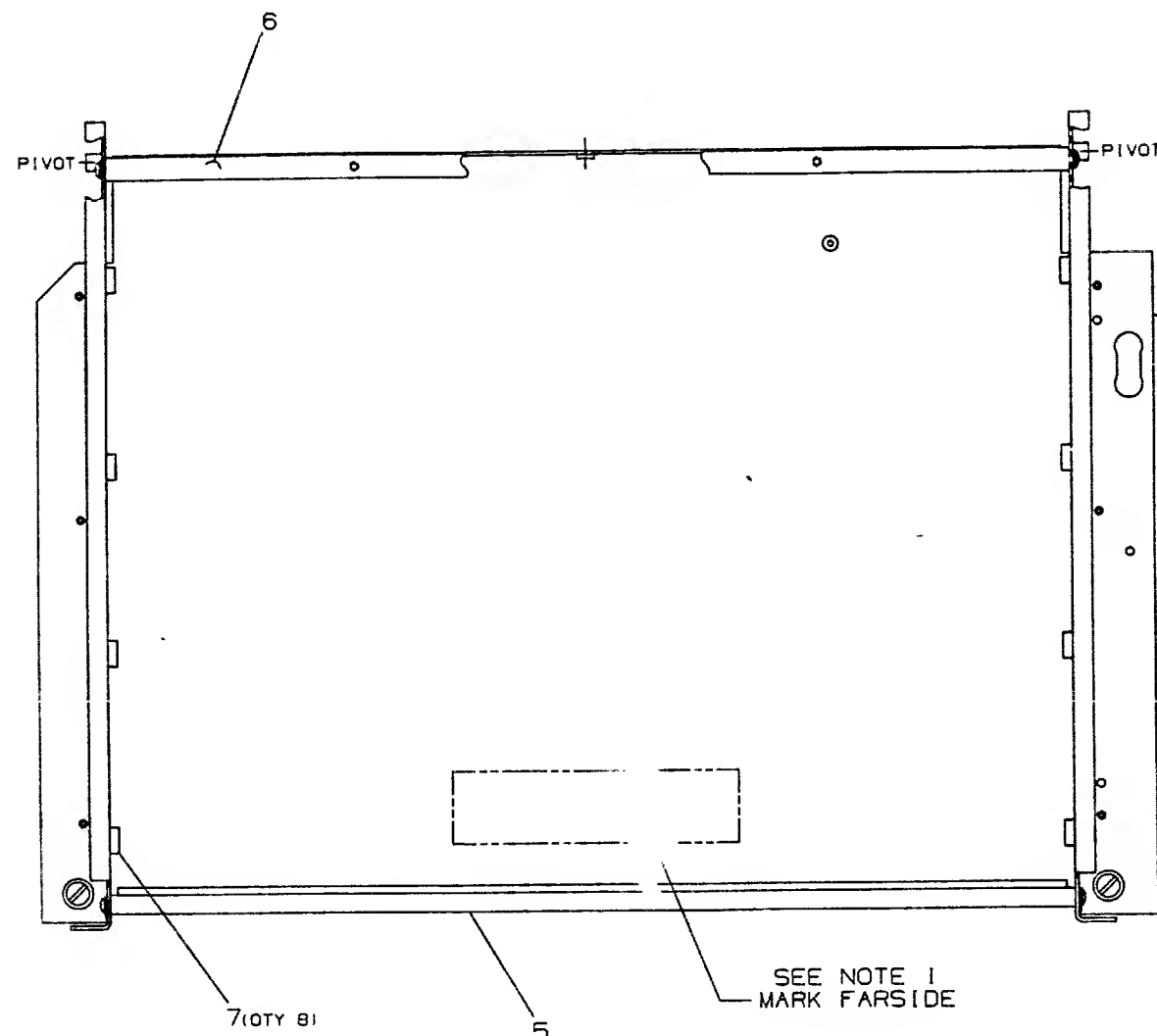
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LEGEND		
PART NO.	REV	VARIATION
7020757-01	(B)	AS SHOWN

# NOTES:

- MARK PER DEC STD #178 APPROX. AS SHOWN,
  - A- ASSEMBLY NO.
  - B- LAST REVISION
  - C- VENDOR CODE
  - D- DATE



LAYER #2: FORMAT LAYER  
LAYER #1: WORK LAYER

PLOT AT 1.00

CAUTION: OFF SHEET PARTS LIST EXISTS.  
REFER TO K-PL-7020757-0-DBP.  
(Z 6719)

DESCRIPTION		DRAWING NO.		PART NO.	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES AND THE FOLLOWING TOLERANCES APPLY (PER DEC STD 114)					
DIMENSION RANGE IN INCHES					
TOLERANCE					
FRACTIONAL					
DECIMAL					
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LINE	ITEM	TOP DOCUMENT	PART NUMBER	MIN	DESCRIPTION	QTY PER VARIATION	
				REV		01	A1
						VARIATION REVISION LEVEL:	
1	1	E-IA-7430186-0-DBU	7430186-01		CARD CAGE,BOTTOM	1	
2	2	E-IA-7430187-0-DBU	7430187-01		CARD CAGE,FRONT	1	
3	3	E-IA-7430188-0-DBU	7430188-01		CARD CAGE,REAR	1	
4	4		9000030-01		RIVET,BLIND DOME 0.156DX0.300	6	
5	5	C-MD-7423051-0-0	7423051-00		ROD,SUPPORT	1	
6	6	D-MD-7428365-0-DBU	7428365-01		STRUT,HORIZONTAL	1	
7	7		1211630-00		GUIDE,CARD ,POLMIDE,NATURAL	8	
8	8		9000049-22		SCREW,SEMS PAN PHIL 6-	4	

REVISION HISTORY			BASIC PART NO: 7020757			
ENG	ECO NUMBER	REV	SECTION A OF A	DRN:	K.R. KEEFE	DATE: 23-MAR-83
---	INITIAL	A	SECTION VARIATION INDEX	CHK'D:	F.HALLIDAY	DATE: 23-MAY-83
BM	7020757-TW001	B	[A]01			
			[B]	DES.ENG:	BOB MONDOR	DATE: 23-MAY-83
			[C]			
			[D]	RESP.ENG.:	BOB MONDOR	DATE: 23-MAY-83
			[E]			
			[F]	MFG.ENG.:	BOB SMITH	DATE: 23-MAY-83
				ASSEMBLY NUMBER:		
				E-IA-7020757-0-DBU		
				TOP DOCUMENT NUMBER:		
				E-IA-7020757-0-DBU		
				FILE NAME:		
				Z6719B.PLS		
				RELEASE DATE:	31-OCT-84	
				EDIT #		
				4		

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[illegible]

AUTOMATED BY PRTLST.3P(44)

## P A R T S L I S T

LINE ITEM TOP DOCUMENT

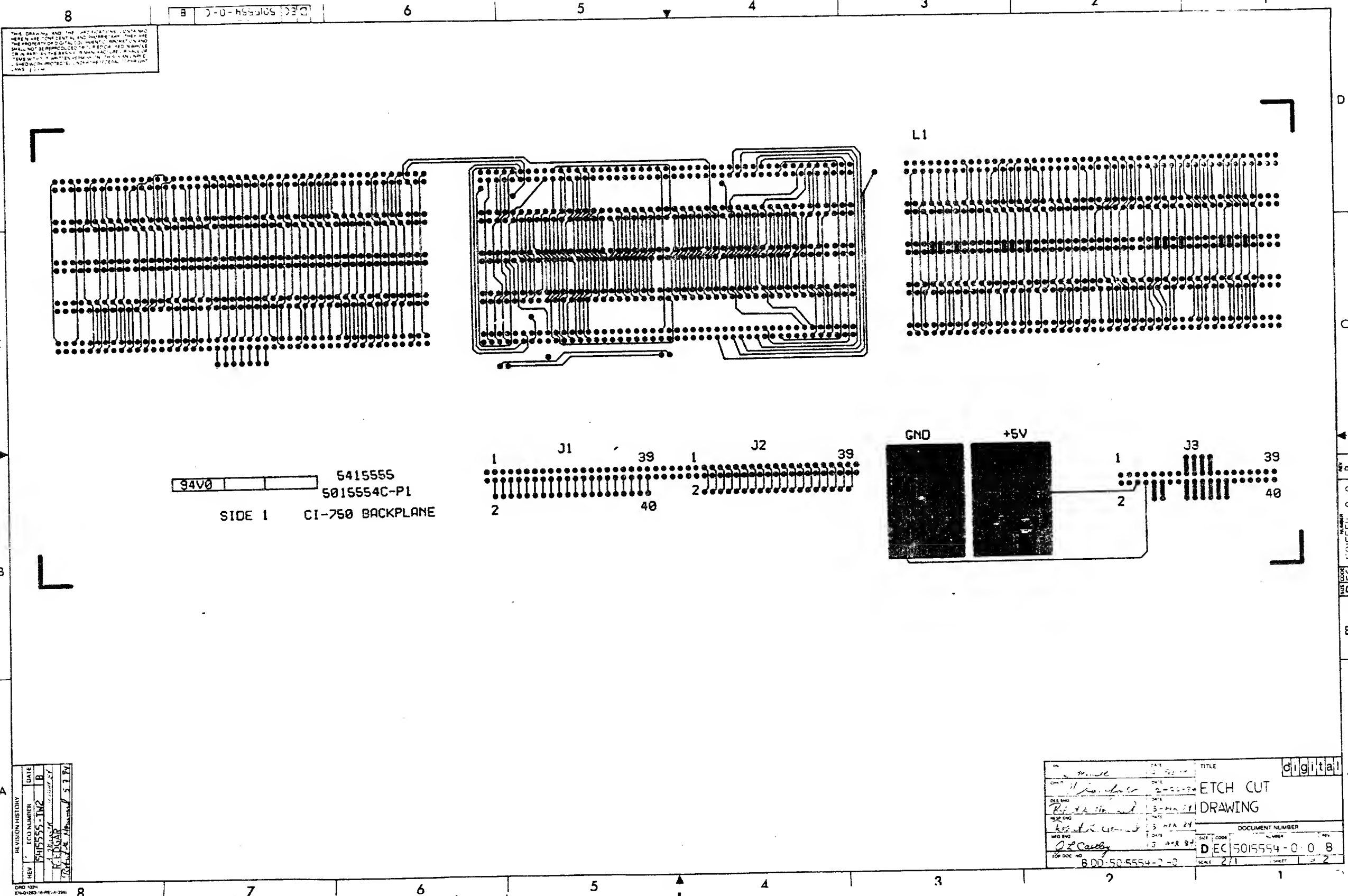
PART NUMBER MIN REV DESCRIPTION  
VARIATION REVISION LEVEL:QTY PER VARIATION  
00

REFERENCE DESIGNATOR

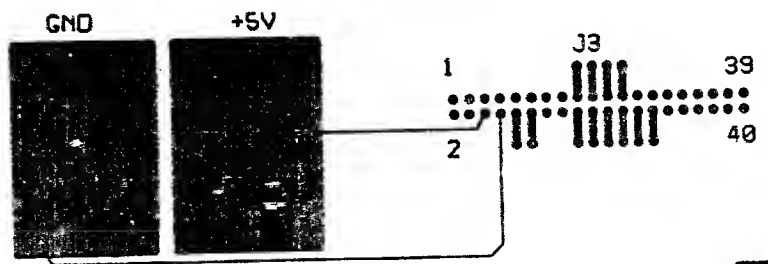
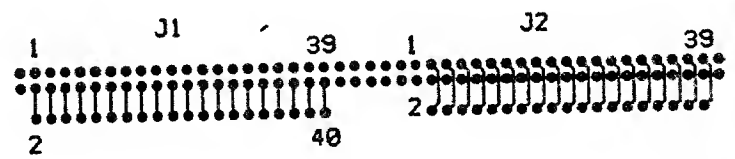
1	1	D-MD-5015554-0-0	5015554-00	DRILL AND ETCH BOARD	1	
2	2		1217869-00	PCB,HEADER 40PIN(2X20).100CC STR	3	J1,J2,J3
3	3		1218421-02	CARD EDGE 94PIN(2X47).100CC STR	3	J6,J7,J14
4	4		9010495-02	PLUG,KEYING F/.100X.100 PRESS F	1	
5	5		1218506-00	CONN,COAX BKP 50 PHM PLUG CLAM	4	
6	6		1214314-00	CONN,P+S 02SKT(1X02).100CC JUM	REF	W1-W8
7	7		7411881-01	DECAL	1	
8	8		1218421-03	CARD EDGE 94PIN(2X47).100CC STR	12	J8-J13,J15-J20
9	9		9905016-04	FOLDER,DIE CUT,SELF LOCK W/FOAM	REF	

REVISION HISTORY		BASIC PART NO: 5415555		DRN: F. SMART	DATE: 05-OCT-82	D I G I T A L	
ENG	ECO NUMBER	REV	SECTION A OF A	DATE: 05-OCT-82		TITLE PARTS LIST	
---	INITIAL	A	SECTION VARIATION INDEX !CHK'D: F. GAROFALO	DATE: 05-OCT-82		82 ! CI-750 BACKPLANE	
RE	5415555-TW001	B	(A) CO	DES.ENG: G. KOECKHOVEN	DATE: 05-OCT-82	DOCUMENT NUMBER	
SK	5415555-TW002	C	(B)	RESP.ENG.: G. KOECKHOVEN	DATE: 05-OCT-82	SIZE!CODE!	NUMBER
			(C)	MFG.ENG.: M. LIVINGSTON	DATE: 5-9-83	K PL	5415555-0-DBP
			(D)	ASSEMBLY NUMBER:	TOP DOCUMENT NUMBER:	FILE NAME:	EDIT #
			(E)	E-UA-5415555-0-0	B-00-5415555-0-0	Z39300.PLS	18
			(F)	THIS DRAWING AND THE SPECIFICATIONS CONTAINED HEREIN ARE CONFIDENTIAL AND PROPRIETARY. THEY ARE THE PROPERTY OF DIGITAL			
			(G)	EQUIPMENT CORPORATION AND SHALL NOT BE REPRODUCED OR COPIED OR USED IN WHOLE OR--- IN PART AS THE BASIS FOR THE MANUFACTURE OF 90			
			(H)	OF ITEMS WITHOUT WRITTEN PERMISSION. THIS IS AN UNPUBLISHED WORK PROTECTED UNDER THE FEDERAL COPYRIGHT LAWS			
			(I)				
			(J)				
			(K)				
			(L)				
			(M)				
			(N)				

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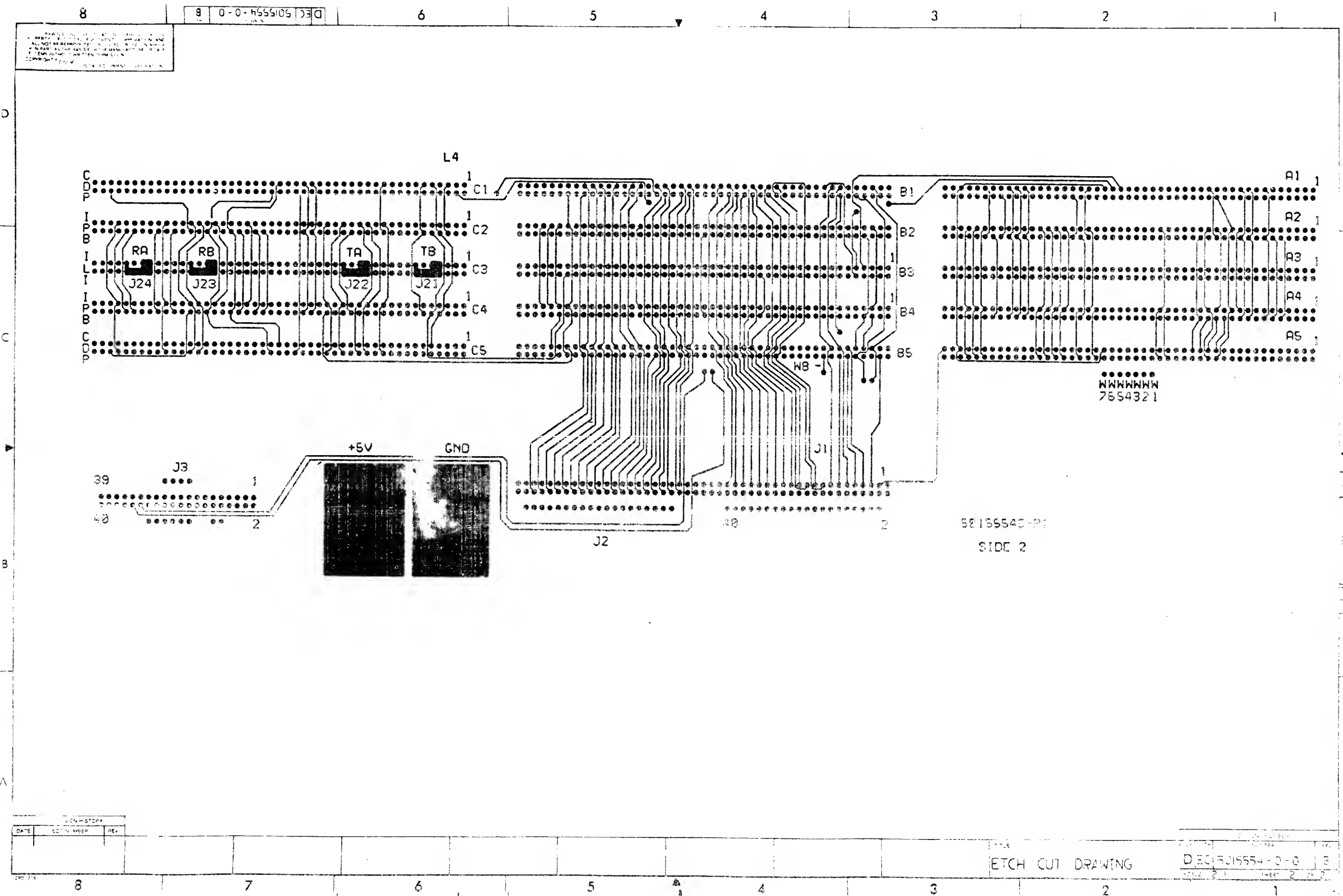


94V0 5415555  
5015554C-P1  
SIDE 1 CI-750 BACKPLANE

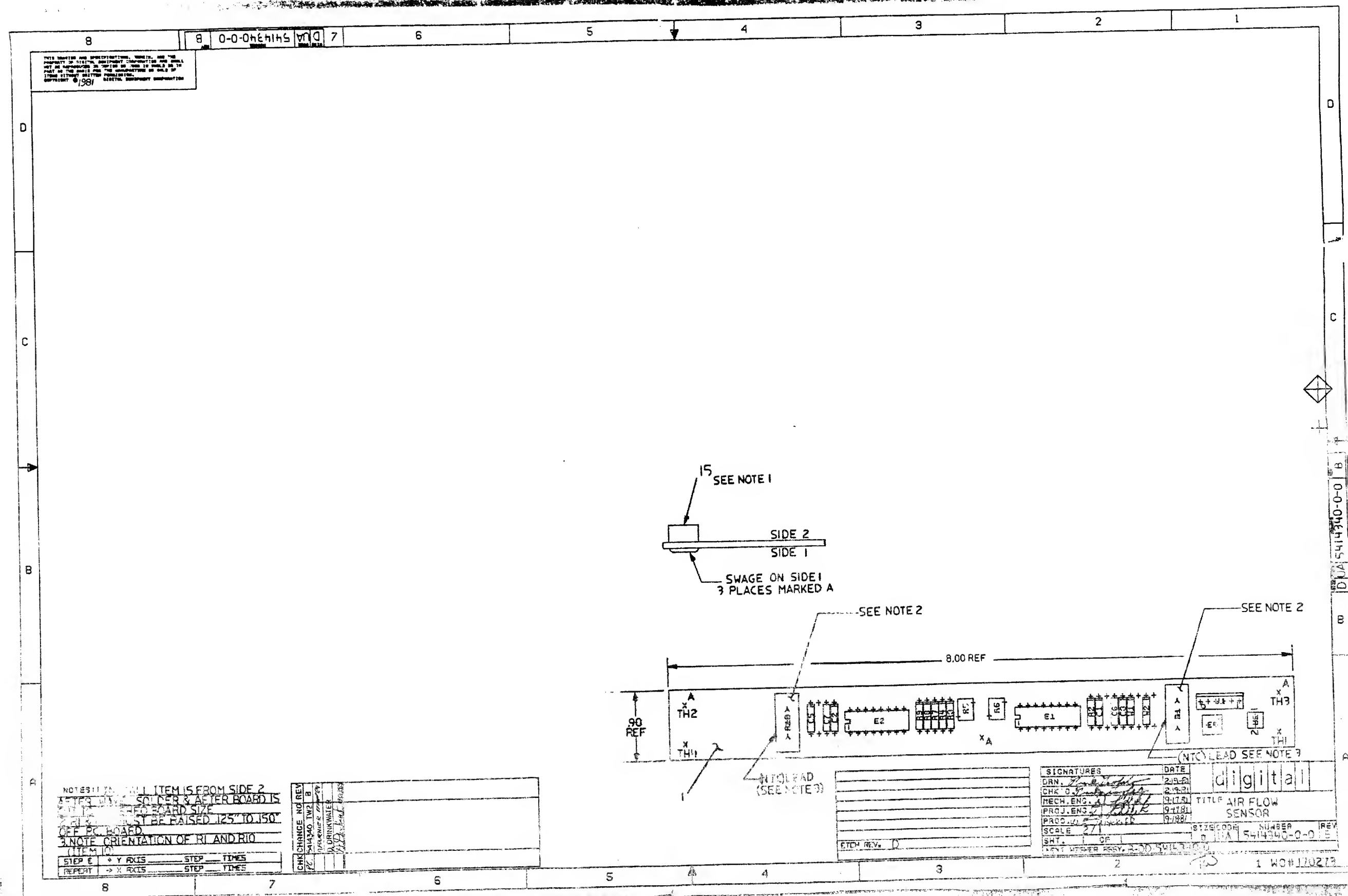


REV	ECO NUMBER	DATE
1	501555-1W2	B
2	501555-1W2	B
3	501555-1W2	B
4	501555-1W2	B
5	501555-1W2	B
6	501555-1W2	B
7	501555-1W2	B
8	501555-1W2	B

DATE	2-2-74	TITLE	ETCH CUT
DESIGN	W. J. J. J.	DATE	2-2-74
RESP	W. J. J. J.	DATE	2-2-74
WFO	W. J. J. J.	DATE	2-2-74
TOP DOC NO	BDD-5015554-2-0	SCALE	2/1
DOCUMENT NUMBER		5015554-0-0 B	



[illegible]



AUTOMATED BY PRTLST.3P(44)

## P A R T S   L I S T

SHEET A1 OF A1

LINE	ITEM	TOP DOCUMENT	PART NUMBER	MIN REV	DESCRIPTION	QTY PER VARIATION	REFERENCE DESIGNATOR
					VARIATION REVISION LEVEL:	00 B1	
1	1		5014339-00		DRILL & ETCH BD.	1	
2	2		1018000-01		15 MFD 25V +50-10 AL EL	1	C4
3	3		1013466-22		.1 MFD 50V +80-20% Z5U CER	2	C3,C5
4	4		1302391-00		20.0 K .25 W 5.0 % CF	2	R3,R8
5	5		1310632-00		2.37 K .25 W 1.0 % RN55D-F10	1	R7
6	6		1312987-00		10.50 K .25 W 1.0 % RN55D-F10	2	R2,R9
7	7		1314120-00		78.70 K .25 W 1.0 % RN55D-F10	1	R4
8	8		1317202-00		9.739K 7.0 % NTC THERM	1	R5
9	9		1317202-02		119.128K 7.0 % NTC THERM	1	R6
10	10		1321816-04		12.5 5V NTC THERM A	2	R1,R10
11	11		1218243-03		PCB HEADER 06PIN(1X06).100CC STR	1	J1
12	12		1218243-02		PCB HEADER 02PIN(1X02).100CC STR	1	J2
13	13		1918102-00		9903 AIRFLOW SENSOR	2	E1,E2
14	14		9009185-00		JUMPER, WIRE, INSULATED, BLACK B	2	W1,W2
15	15		9010292-00		STANDOFF, SWAGE MOUNT RND 4-4	3	
16	16	A-SP-3700646-0-0	3700646-01		PKG. MODULE 5414340 (54 PACK)	1	
17	17		1013466-11		.22 MFD 50V +80-20% Z5U CER	4	C1,C2,C6,C7

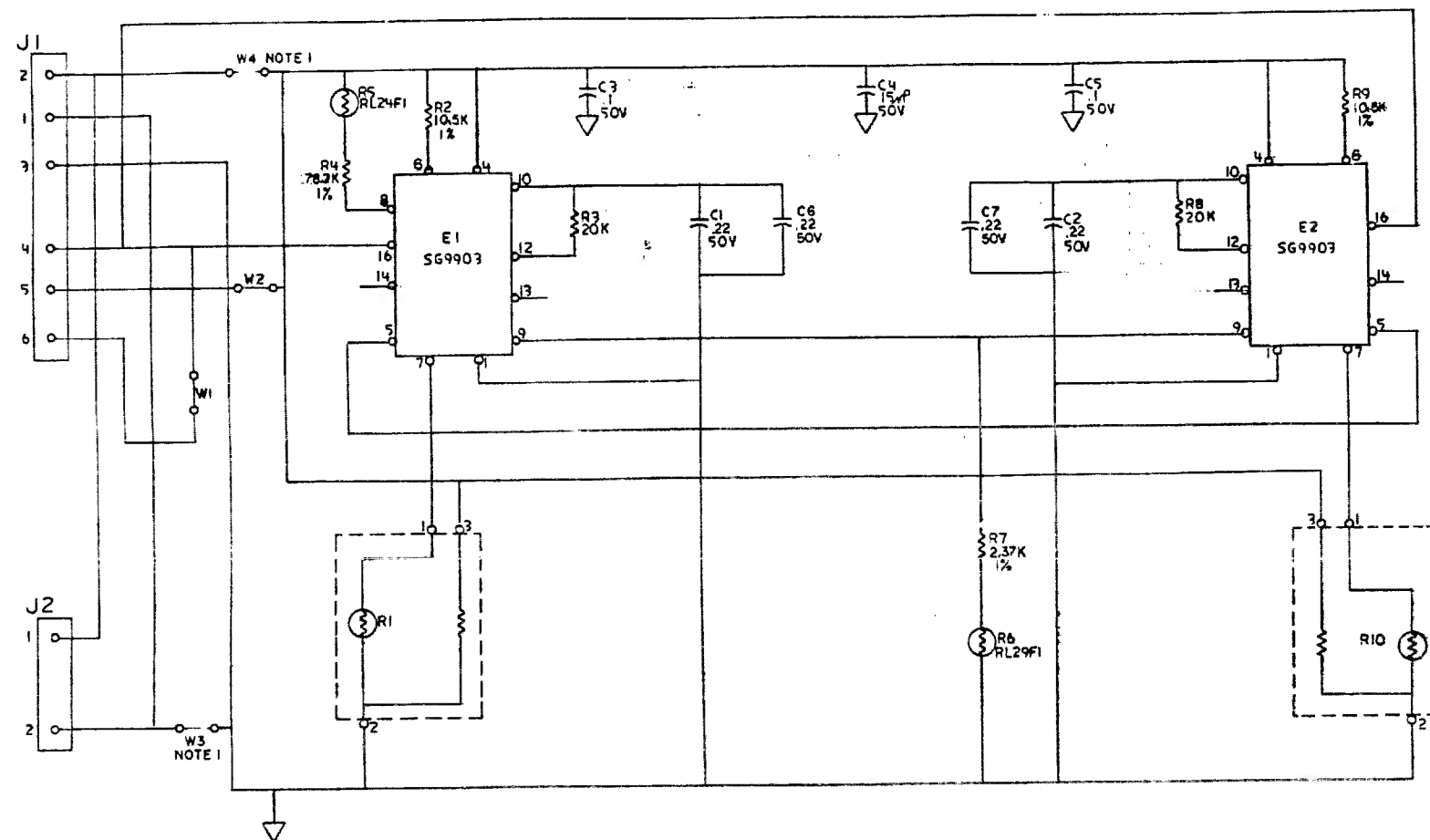
REVISION HISTORY			BASIC PART NO: 5414340		DRN: J.FERGUSON		DATE: 30-JAN-81		D I G I T A L			
ENG	ECO NUMBER	REV	SECTION A OF A		CHK'D: F.GAROFALO		DATE: 30-JAN-81		TITLE PARTS LIST			
---	INITIAL	A	SECTION VARIATION INDEX		DES.ENG: D.DRINKWATER		DATE: 30-JAN-81		DOCUMENT NUMBER			
DD	5414340-TW002	B	[A] 00		RESP.ENG.: D.DRINKWATER		DATE: 30-JAN-81		SIZE	CODE	NUMBER	REV
			[B]		MFG.ENG.: W. WYCKOFF		DATE: 9-10-81		K	PL	5414340-0-DBP	B
			[C]		ASSEMBLY NUMBER:		TOP DOCUMENT NUMBER:		RELEASE DATE: 22-OCT-84			
			[D]		D-UA-5414340-0-0		B-DD-5414340-0-0		FILE NAME: Z3015B.PLS			
			[E]						EDIT #			
			[F]						11			
			[G]									
			[H]									
			[I]									
			[J]									
			[K]									
			[L]									
			[M]									
			[N]									

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# NOTES:

1. W3 & W4 JUMPERS ARE NOT USED ON THIS 5414340-00, VARIATION. W1 THROUGH W4 JUMPERS MAY BE USED OR NOT USED AS NECESSARY DEPENDING ON INTENDED APPLICATIONS. IF IT IS NECESSARY TO USE W3 & W4 JUMPERS AN ADDITIONAL VARIATION WILL HAVE TO BE CREATED.



REV	DATE	BY	CHKD	APP'D
1	3/1/71	T. W. Wright		
2	3/1/71	J. M. Wright		
3	3/1/71	J. M. Wright		
4	3/1/71	J. M. Wright		
5	3/1/71	J. M. Wright		
6	3/1/71	J. M. Wright		
7	3/1/71	J. M. Wright		
8	3/1/71	J. M. Wright		
9	3/1/71	J. M. Wright		
10	3/1/71	J. M. Wright		

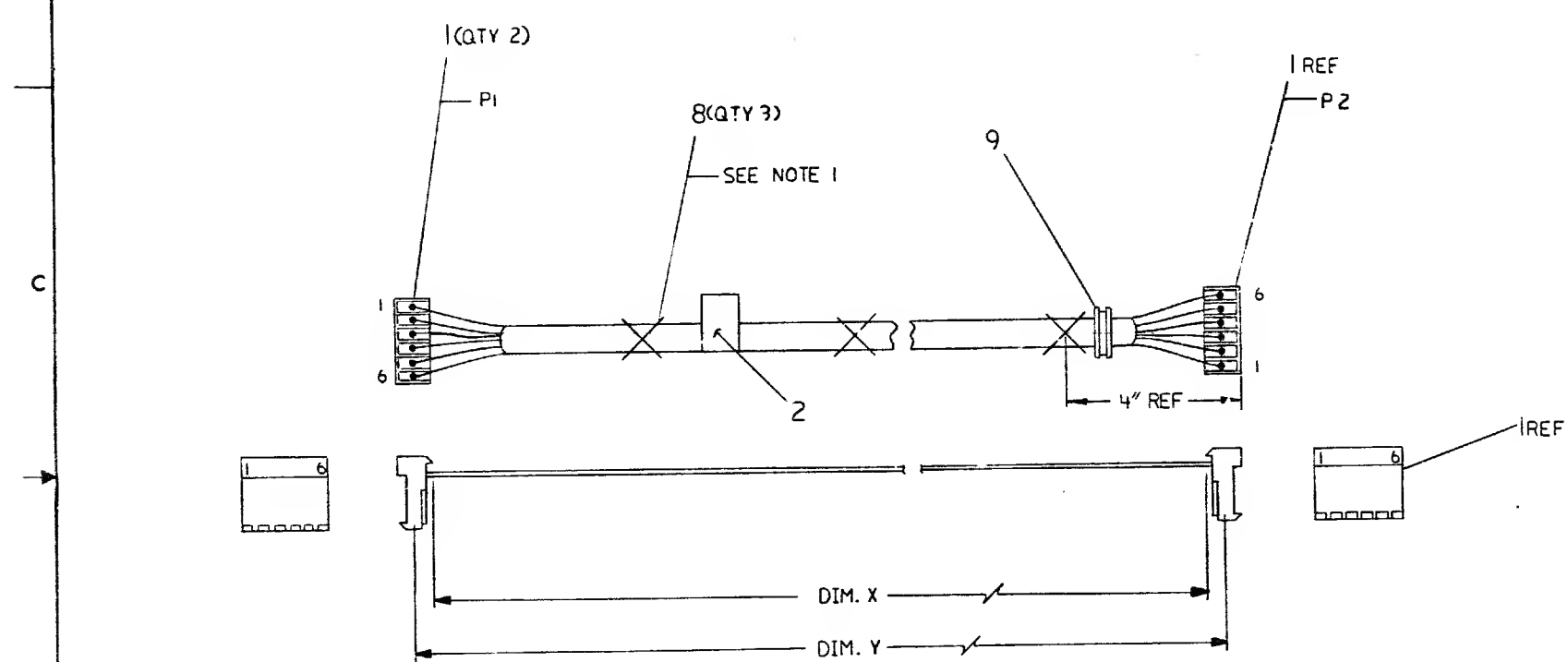
DESIGNER T. W. Wright	DATE 3/1/71	TITLE AIR FLOW SENSOR
CHECKED J. M. Wright	DATE 3/1/71	
APPROVED J. M. Wright	DATE 3/1/71	
DOCUMENT NUMBER 5414340-0-1 B		
SCALE NONE		



WIRE TABLE							
ITEM NO.	AWG	COLOR	FROM	WITH	TO	WITH	REMARKS
3	22	BLACK	P1-1	---	P2-1	---	+12V RTN
5	22	ORANGE	P1-2	---	P2-2	---	+12V
6	22	YELLOW	P1-4	---	P2-4	---	FAULT
4	22	RED	P1-5	---	P2-5	---	+5V
7	22	VIOLET	P1-6	---	P2-6	---	FAULT RTN
10	22	GREEN	P1-3	---	P2-3	---	+5V RTN

LEGEND			
NUMBER	DIM. X VARIATION	DIM. Y (PRECUT) REF	
7018162-0M	11. IN ± 5 IN	11.50 IN ± 5 IN.	
7018162-1B	14. IN ± 5 IN	14.50 IN ± 5 IN.	

- NOTES:
1. ATTACH CABLE TIES (ITEM 8) APPROX. EVERY 3 IN. AS SHOWN.
  2. WIRES NEED NOT HAVE ANY INSULATION REMOVED.



SEE OFF SHEET PARTS LIST  
K-PL- 7018162-0-DBP, (Z1852B. PLS).

REVISION HISTORY	
REV.	DESCRIPTION
A	Initial design
B	Revised design

DESCRIPTION		DRAWING NO.		PART NO.		ITEM NO.	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES AND THE FOLLOWING TOLERANCES APPLY (PER DEC STD 114)							
INCHES TOLERANCES	ANGLES ± 1° 30'	APPLICABLE DIMENSION RANGE	DIMENSION RANGE IN INCHES				
			OVER 0 TO 0.2	OVER 0.2 TO 0.4	OVER 0.4 TO 0.6	OVER 0.6 TO 0.8	OVER 0.8 TO 1.0
X ± .1	SURFACE QUALITY	CHECK ONE	± .02	± .03	± .05	± .07	± .10
XX ± .02			± .004	± .006	± .012	± .018	± .024
XXX ± .005	MICROINCHES						
THIRD ANGLE PROJECTION		DATE 7-15-81		TITLE			
DO NOT SCALE DRAWING		DATE 9 AUG 81		CABLE, SENSOR POWER			
REMOVE BURRS AND BREAK SHARP CORNERS		DATE 9 AUG 81		DOCUMENT NUMBER			
MATERIAL SEE PARTS LIST		DATE 13 OCT 81		DIA 7018162-0-0 B			
FINISH		E-AD-7018081-0-0		SCALE 1/1			

LINE	ITEM	DOCUMENT NUMBER	PART NUMBER	DESCRIPTION	QUANTITY PER VARIATION	
					OM	1B
1	1		1218296-03	CONN, IDC 06SKT(1X06).100CC GOL	2	2
2	2		9009255-01	LABEL, POWER SUPPLY, 2-7/8" LG X	1	1
3	3	SEE NOTE	9107796-00	WIRE, 22AWG( 07/30)IPVC 300V1	12	15
4	4	SEE NOTE	9107796-22	WIRE, 22AWG( 07/30)IPVC 300V1	12	15
5	5	SEE NOTE	9107796-33	WIRE, 22AWG( 07/30)IPVC 300V1	12	15
6	6	SEE NOTE	9107796-44	WIRE, 22AWG( 07/30)IPVC 300V1	12	15
7	7	SEE NOTE	9107796-77	WIRE, 22AWG( 07/30)IPVC 300V1	12	15
8	8		9007031-00	TIE, CABLE BUNDL. DIA 0- 3/4"=101	3	3
9	9		9007017-00	GROMMET, ROUND RUBBER	1	1
10	10	SEE NOTE	9107796-55	WIRE, 22AWG( 07/30)IPVC 300V1	12	15

11 NOTE: ITEMS 3,4,5,6,7 AND 10 ARE IN INCHES LONG.

REVISION HISTORY			BASIC PART NO: 7018.62		DRN: P. TOUSIGNANT		DATE: 23-JUL-81		DIGITAL			
ENG	ECO NUMBER	REV	SECTION A OF A	CHK'D: A. ROCHA	DATE: 23-JUL-81	TITLE PARTS LIST						
RE	INITIAL 7018162-TW001	A B	SECTION. VARIATION INDEX [A] OM, 1B	DES. ENG.: R. MORIN	DATE: 23-JUL-81	SENSOR POWER CABLE						
			[B]	RESP. ENG.: R. MORIN	DATE: 23-JUL-81	DOCUMENT NUMBER						
			[C]	MFG. ENG.: S. CASTIGLIONE	DATE: 23-JUL-81	SIZE	CODE	NUMBER	REV			
			[D]	ASSEMBLY NUMBER:	POP DOCUMENT NUMBER:	K	PL	7018162-0-DBP	B			
			[E]	D-IA-7018162-0-0	E-AD-7018081-0-0	FILE NAME:			EDIT #			
			[F]			Z1852B.PLS			5			
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8	0-0	701816	DA
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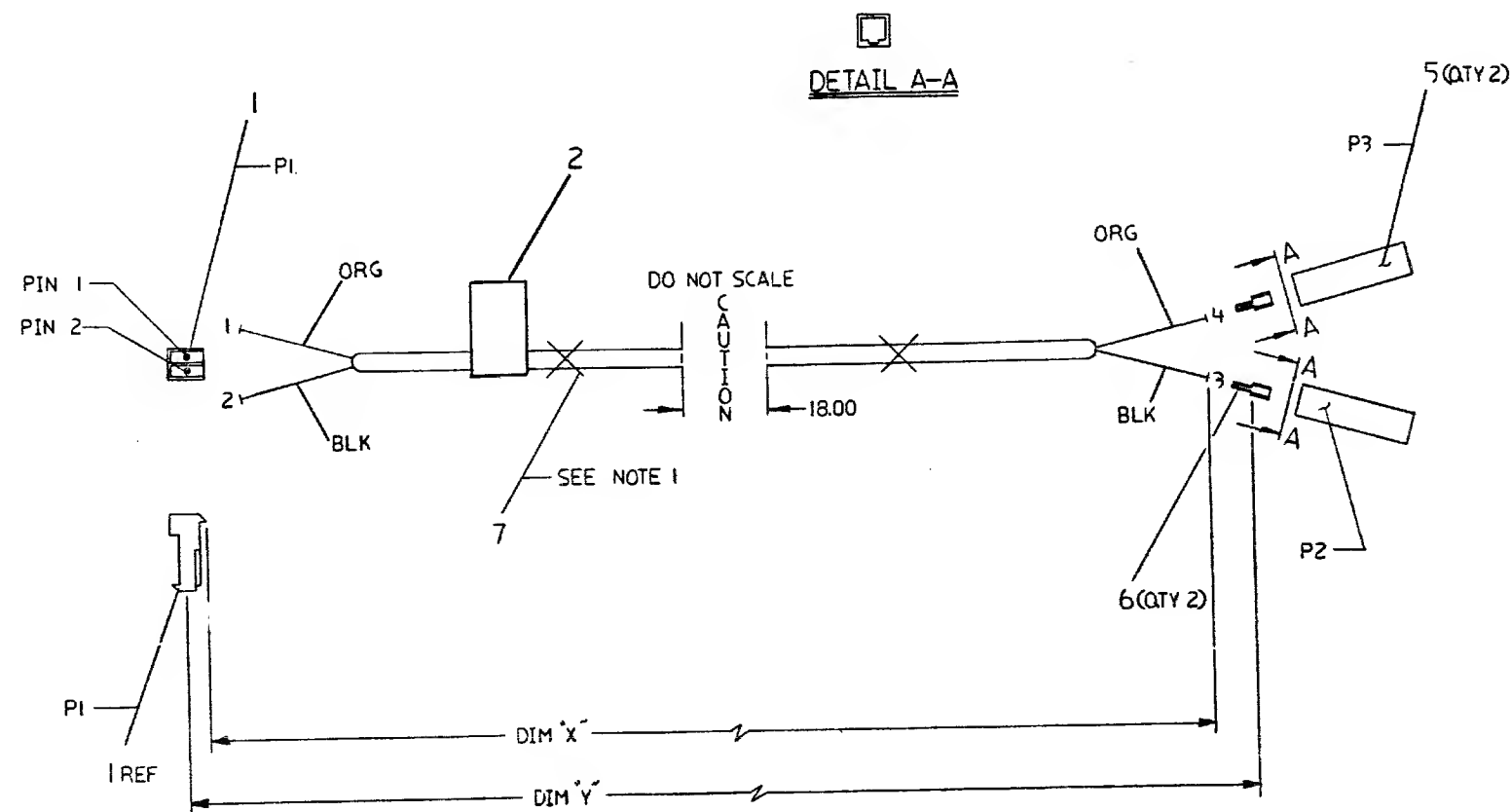
WIRE TABLE								
ITEM NO.	DESCRIPTION	FROM			TO			LENGTH
		POINT	CONNECTION	WITH	POINT	CONNECTION	WITH	
3	22 BLK	2	PI-2	—	3*	P2	6	38 IN. ± 1 IN.
4	22 ORG	1	PI-1	—	4*	P3	6	38 IN. ± 1 IN.

\* = SEE NOTE 2

LEGEND		
NUMBER	DIA X VARIATION	DIA Y VARIATION
7018163-38	37 IN. $\pm$ 1 IN.	38 IN. $\pm$ 1 IN.
7018163-0J	7 IN. $\pm$ 5 IN.	8 IN. $\pm$ 5 IN.

NOTES:

1. ATTACH CABLE TIES (ITEM 7) APPROX. EVERY 3 IN AS SHOWN.
2. THE WIRE ENDS GOING TO P2 & P3 SHOULD BE STRIPPED. WIRE ENDS GOING TO P1 NEED NOT BE STRIPPED.



SEE OFF SHEET PARTS LIST  
K-PL-7018163-0-DBP, (Z1855B).

REVISION HISTORY			
DATE	ECO NUMBER	REV.	
02/01/01	RELEASED AT 02/01/01	A	
02/01/01	1.000 REV 1.000		
02/01/01	2.000 REV 2.000		
02/01/01	3.000 REV 3.000		
02/01/01	4.000 REV 4.000		
02/01/01	5.000 REV 5.000		
02/01/01	6.000 REV 6.000		
02/01/01	7.000 REV 7.000		
02/01/01	8.000 REV 8.000		
02/01/01	9.000 REV 9.000		
02/01/01	10.000 REV 10.000		
02/01/01	11.000 REV 11.000		
02/01/01	12.000 REV 12.000		
02/01/01	13.000 REV 13.000		
02/01/01	14.000 REV 14.000		
02/01/01	15.000 REV 15.000		
02/01/01	16.000 REV 16.000		
02/01/01	17.000 REV 17.000		
02/01/01	18.000 REV 18.000		
02/01/01	19.000 REV 19.000		
02/01/01	20.000 REV 20.000		
02/01/01	21.000 REV 21.000		
02/01/01	22.000 REV 22.000		
02/01/01	23.000 REV 23.000		
02/01/01	24.000 REV 24.000		
02/01/01	25.000 REV 25.000		
02/01/01	26.000 REV 26.000		
02/01/01	27.000 REV 27.000		
02/01/01	28.000 REV 28.000		
02/01/01	29.000 REV 29.000		
02/01/01	30.000 REV 30.000		
02/01/01	31.000 REV 31.000		
02/01/01	32.000 REV 32.000		
02/01/01	33.000 REV 33.000		
02/01/01	34.000 REV 34.000		
02/01/01	35.000 REV 35.000		
02/01/01	36.000 REV 36.000		
02/01/01	37.000 REV 37.000		
02/01/01	38.000 REV 38.000		
02/01/01	39.000 REV 39.000		
02/01/01	40.000 REV 40.000		
02/01/01	41.000 REV 41.000		
02/01/01	42.000 REV 42.000		
02/01/01	43.000 REV 43.000		
02/01/01	44.000 REV 44.000		
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02/01/01	92.000 REV 92.000		
02/01/01	93.000 REV 93.000		
02/01/01	94.000 REV 94.000		
02/01/01	95.000 REV 95.000		
02/01/01	96.000 REV 96.000		
02/01/01	97.000 REV 97.000		
02/01/01	98.000 REV 98.000		
02/01/01	99.000 REV 99.000		
02/01/01	100.000 REV 100.000		

DESCRIPTION		DRAWING NO.		PART NO.		ITEM NO.	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES AND THE FOLLOWING TOLERANCES APPLY (PER DEC STD 114)							
INCHES TOLERANCES		ANGLES TYPICAL		DIMENSION RANGE IN INCHES			
		APPLICABLE DIMENSION RANGE		OVER 0.0 TO 1.2	OVER 1.0 TO 1.2	OVER 4.0 TO 12.0	OVER 12.0 TO 40.0
X = ± .1		SURFACE QUALITY		OVER 40.0 TO 80.0			
XX = ± .02		CHECK ONE		OVER 80.0 TO 100.0			
XXX = ± .008		<input type="checkbox"/> ± .004		OVER 100.0 TO 120.0			
		<input type="checkbox"/> ± .006		OVER 120.0 TO 140.0			
		<input type="checkbox"/> ± .008		OVER 140.0 TO 160.0			
		<input type="checkbox"/> ± .010		OVER 160.0 TO 180.0			
		<input type="checkbox"/> ± .012		OVER 180.0 TO 200.0			
		<input type="checkbox"/> ± .014		OVER 200.0 TO 220.0			
		<input type="checkbox"/> ± .016		OVER 220.0 TO 240.0			
		<input type="checkbox"/> ± .018		OVER 240.0 TO 260.0			
		<input type="checkbox"/> ± .020		OVER 260.0 TO 280.0			
		<input type="checkbox"/> ± .022		OVER 280.0 TO 300.0			
		<input type="checkbox"/> ± .024		OVER 300.0 TO 320.0			
		<input type="checkbox"/> ± .026		OVER 320.0 TO 340.0			
		<input type="checkbox"/> ± .028		OVER 340.0 TO 360.0			
		<input type="checkbox"/> ± .030		OVER 360.0 TO 380.0			
		<input type="checkbox"/> ± .032		OVER 380.0 TO 400.0			
		<input type="checkbox"/> ± .034		OVER 400.0 TO 420.0			
		<input type="checkbox"/> ± .036		OVER 420.0 TO 440.0			
		<input type="checkbox"/> ± .038		OVER 440.0 TO 460.0			
		<input type="checkbox"/> ± .040		OVER 460.0 TO 480.0			
		<input type="checkbox"/> ± .042		OVER 480.0 TO 500.0			
		<input type="checkbox"/> ± .044		OVER 500.0 TO 520.0			
		<input type="checkbox"/> ± .046		OVER 520.0 TO 540.0			
		<input type="checkbox"/> ± .048		OVER 540.0 TO 560.0			
		<input type="checkbox"/> ± .050		OVER 560.0 TO 580.0			
		<input type="checkbox"/> ± .052		OVER 580.0 TO 600.0			
		<input type="checkbox"/> ± .054		OVER 600.0 TO 620.0			
		<input type="checkbox"/> ± .056		OVER 620.0 TO 640.0			
		<input type="checkbox"/> ± .058		OVER 640.0 TO 660.0			
		<input type="checkbox"/> ± .060		OVER 660.0 TO 680.0			
		<input type="checkbox"/> ± .062		OVER 680.0 TO 700.0			
		<input type="checkbox"/> ± .064		OVER 700.0 TO 720.0			
		<input type="checkbox"/> ± .066		OVER 720.0 TO 740.0			
		<input type="checkbox"/> ± .068		OVER 740.0 TO 760.0			
		<input type="checkbox"/> ± .070		OVER 760.0 TO 780.0			
		<input type="checkbox"/> ± .072		OVER 780.0 TO 800.0			
		<input type="checkbox"/> ± .074		OVER 800.0 TO 820.0			
		<input type="checkbox"/> ± .076		OVER 820.0 TO 840.0			
		<input type="checkbox"/> ± .078		OVER 840.0 TO 860.0			
		<input type="checkbox"/> ± .080		OVER 860.0 TO 880.0			
		<input type="checkbox"/> ± .082		OVER 880.0 TO 900.0			
		<input type="checkbox"/> ± .084		OVER 900.0 TO 920.0			
		<input type="checkbox"/> ± .086		OVER 920.0 TO 940.0			
		<input type="checkbox"/> ± .088		OVER 940.0 TO 960.0			
		<input type="checkbox"/> ± .090		OVER 960.0 TO 980.0			
		<input type="checkbox"/> ± .092		OVER 980.0 TO 1000.0			
		<input type="checkbox"/> ± .094		OVER 1000.0 TO 1020.0			
		<input type="checkbox"/> ± .096		OVER 1020.0 TO 1040.0			
		<input type="checkbox"/> ± .098		OVER 1040.0 TO 1060.0			
		<input type="checkbox"/> ± .100		OVER 1060.0 TO 1080.0			
		<input type="checkbox"/> ± .102		OVER 1080.0 TO 1100.0			
		<input type="checkbox"/> ± .104		OVER 1100.0 TO 1120.0			
		<input type="checkbox"/> ± .106		OVER 1120.0 TO 1140.0			
		<input type="checkbox"/> ± .108		OVER 1140.0 TO 1160.0			
		<input type="checkbox"/> ± .110		OVER 1160.0 TO 1180.0			
		<input type="checkbox"/> ± .112		OVER 1180.0 TO 1200.0			
		<input type="checkbox"/> ± .114		OVER 1200.0 TO 1220.0			
		<input type="checkbox"/> ± .116		OVER 1220.0 TO 1240.0			
		<input type="checkbox"/> ± .118		OVER 1240.0 TO 1260.0			
		<input type="checkbox"/> ± .120		OVER 1260.0 TO 1280.0			
		<input type="checkbox"/> ± .122		OVER 1280.0 TO 1300.			

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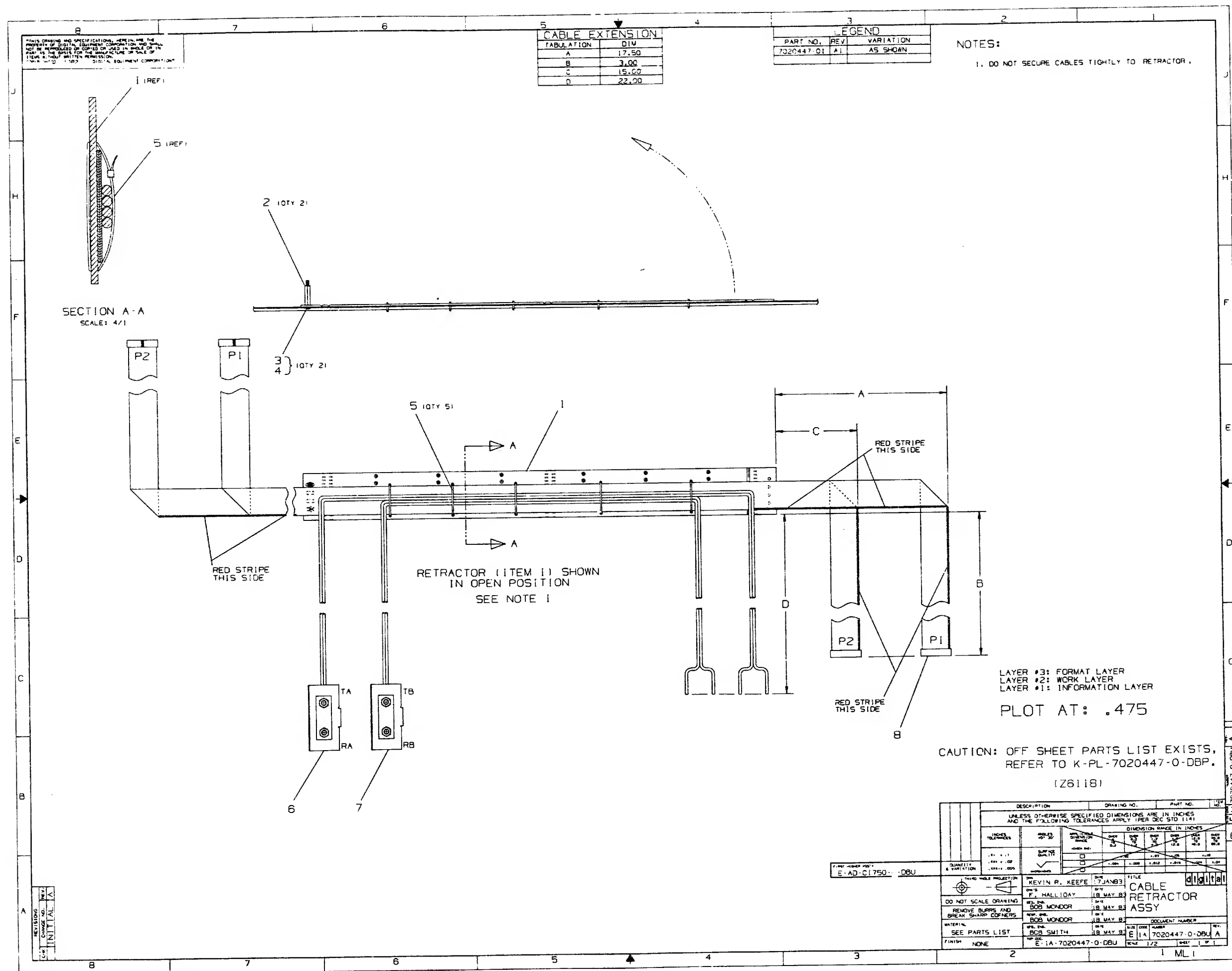
P A R T S   L I S T

SHEET A1 OF A1

LINE	ITEM	DOCUMENT NUMBER	PART NUMBER	DESCRIPTION	QUANTITY PER VARIATION	
					38	0J
1	1		1218296-02	CONN, IDC 02SKT(1X02).100CC GOL	1	1
2	2		9009255-01	LABEL, POWER SUPPLY, 2-7/8" LG X	1	1
3	3	SEE NOTE 1	9107796-00	WIRE, 22AWG( 07/30)IPVC 300V1	38	8
4	4	SEE NOTE 1	9107796-33	WIRE, 22AWG( 07/30)IPVC 300V1	38	8
5	5		1210820-01	TERM,QUICK HSG,STR RECPTACLE .	2	2
6	6		1210820-03	TERM,QUICK .020TAB 22-18AWG	2	2
7	7		9007031-00	TIE,CABLE BUNDL.DIA 0- 3/4"=101	9	9

8 NOTE: 1.ITEMS 4 & 5 IN INCHES.

REVISION HISTORY			BASIC PART NO: 7018163		DRN: P. TOUSIGNANT	DATE: 23-JUL-81	D I G I T A L			
ENG	ECO NUMBER	REV	SECTION A OF A	CHK'D: A. ROCHA	DATE: 23-JUL-81	TITLE PARTS LIST				
RE	7018163-TW001	B	SECTION VARIATION INDEX	DES.ENG.: R. MORIN	DATE: 23-JUL-81	CABLE, DC TO FAN				
			[A] 38,0J	RESP.ENG.: R. MORIN	DATE: 23-JUL-81	DOCUMENT NUMBER				
			[B]	MFG.ENG.: S. CASTIGLIONE	DATE: 23-JUL-81	SIZE	CODE	NUMBER	REV	
			[C]	ASSEMBLY NUMBER:	TOP DOCUMENT NUMBER:	K	PL	7018163-0-DBP	2	
			[D]	D-IA-7018163-0-0	E-UA-BA11-Z-0	FILE NAME:			EDIT 4	
			[E]			Z1855B.PLS			4	
			[F]							
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LINE	ITEM	DOCUMENT NUMBER	PART NUMBER	DESCRIPTION	QUANTITY PER VARIATION
					01
1	1	D-MD-7428769-0-DBU	7428769-01	RETRACTOR,RIBBON CABLE	1
2	2		9000001-17	STANDOFF,MALE/FEMALE HEX 10-32	2
3	3		9006659-00	WASHER,FLAT STEEL	2
4	4		9010155-00	SCREW,SEMS PAN PHIL 6-	2
5	5		9009617-00	TIE,CABLE BUNDL.DIA 0-3"TYPE=101	5
6	6	D-AD-7020752-0-DBU	7020752-01	CABLE SET ASSY CI750 (T/RA)	1
7	7	D-AD-7020752-0-DBU	7020752-02	CABLE SET ASSY CI750 (T/RB)	1
8	8		7019602-00	HARNESS ASSY (CIP BUS)	1

REVISION HISTORY		BASIC PART NO: 7020447		DRN: K KEEFE	DATE: 25-JAN-83	D I G I T A L			
ENG	ECO NUMBER	REV	SECTION A OF A	CHK'D: F HALLIDAY	DATE: 25-JAN-83	TITLE PARTS LIST			
	INITIAL	A	SECTION. VARIATION INDEX			CABLE RETRACTOR ASSY			
			[A] 01						
			[B]	DES.ENG.: B MONDOR	DATE: 25-JAN-83				
			[C]			DOCUMENT NUMBER			
			[D]	RESP.ENG.: B MONDOR	DATE: 25-JAN-83	SIZE	CODE	NUMBER	REV
			[E]	MFG.ENG.: B SMITH	DATE: 25-JAN-83	K	PL	7020447-0-DBP	A
			[F]	ASSEMBLY NUMBER:	TOP DOCUMENT NUMBER:	FILE NAME:		EDIT #	
				E-IA-7020447-0-DBU	E-IA-7020447-0-DBU	Z6188A.PLS		10	
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Y&HK NH 63									



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## P A R T S   L I S T

SHEET A1 OF A1

LINE ITEM   DOCUMENT NUMBER

PART NUMBER

DESCRIPTION

QUANTITY PER VARIATION  
00

1	1	C-IA-BC16B-0-0	BC16B-15	BC05L-15 MODIFIED FOR PRESSPIN B	2
2	2	SEE NOTE	9009087-00	FOAM, TAPE, SINGLE SIDED 1/8 THK	400
3	3		3616073-00	LABEL, ID W/COPY VERTICAL	1
4	4		9007032-00	TIE, CABLE BUNDL. DIA 0-1-3/4"=101	12

5 NOTE:   QTY OF ITEM 2 IS IN INCHES

REVISION HISTORY			BASIC PART NO: 7.19602		DRN: R.J. RILEY		DATE: 19-MAY-83		D I G I T A L	
ENG	ECO NUMBER	REV	SECTION A OF A	CHK'D: R.J. RILEY	DATE: 19-MAY-83	TITLE PARTS LIST				
---	INITIAL	A	SECTION VARIATION INDEX	DES.ENG.: R. EDGAR	DATE: 19-MAY-83	HARNESS ASSEMBLY (CIPA BUS)				
			[A] 00	RESP.ENG.: R. EDGAR	DATE: 19-MAY-83	DOCUMENT NUMBER				
			[B]	MFG.ENG.: B. NEUMANN	DATE: 19-MAY-83	SIZE	CODE	NUMBER	REV	
			[C]	ASSEMBLY NUMBER:	TOP DOCUMENT NUMBER:	K	PL	7019602-0-DBP	A	
			[D]	E-UA-7019602-0-0				FILE NAME:	EDIT #	
			[E]					Z5479A.PLS	6	
			[F]							

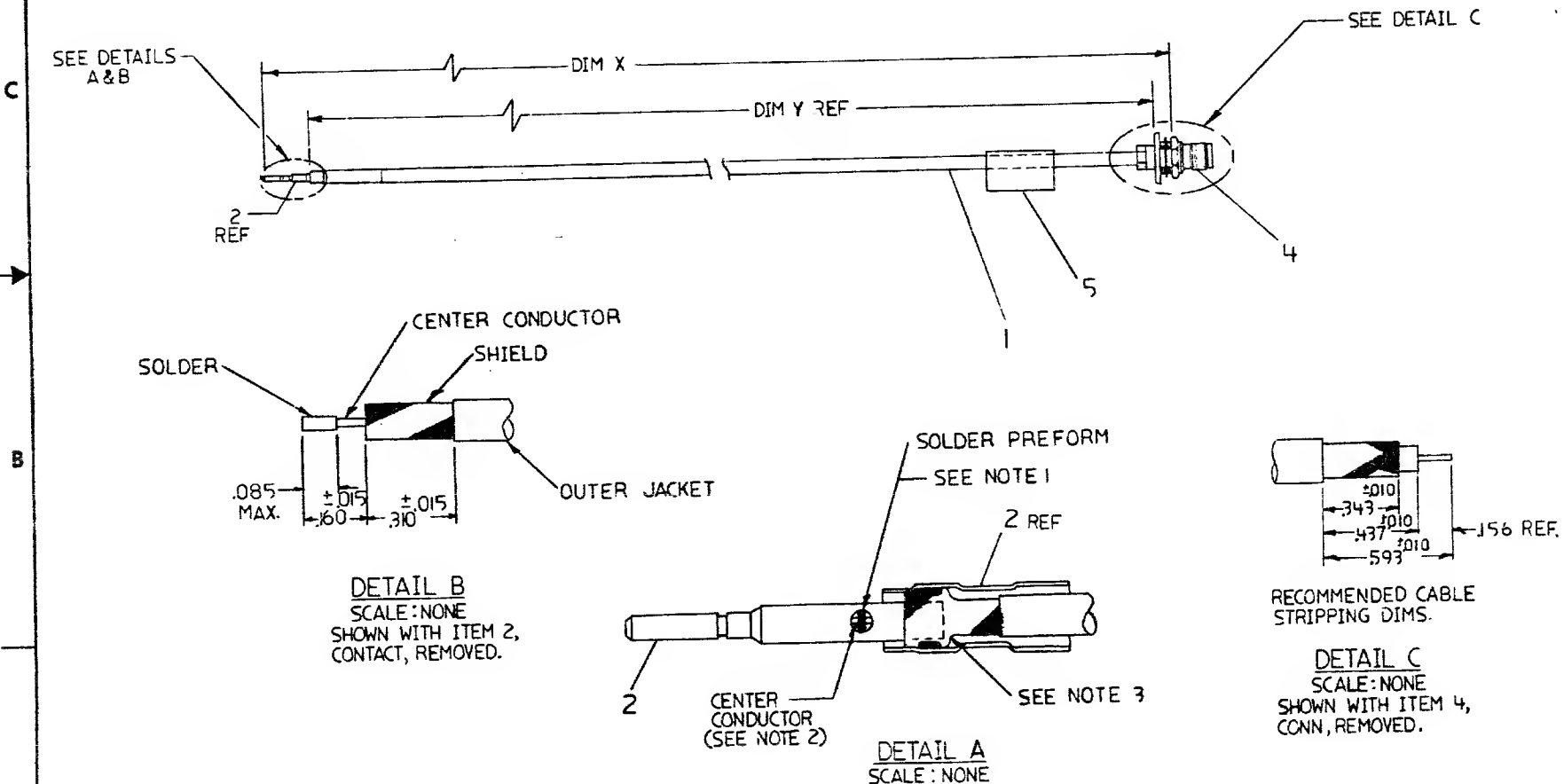
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LEGEND		
NUMBER	DIM X VARIATION	DIM Y/PRECUT/REF
7018526-1A	1 FT. 1 IN. $\pm$ 1.0 IN.	1 FT. 0 IN. $\pm$ 1.0 IN.
7018526-2A	2 FT. 1 IN. $\pm$ 1.0 IN.	2 FT. 0 IN. $\pm$ 1.0 IN.
7018526-3A	3 FT. 1 IN. $\pm$ 1.0 IN.	3 FT. 0 IN. $\pm$ 1.0 IN.
7018526-4A	4 FT. 1 IN. $\pm$ 1.0 IN.	4 FT. 0 IN. $\pm$ 1.0 IN.
7018526-5A	5 FT. 1 IN. $\pm$ 1.0 IN.	5 FT. 0 IN. $\pm$ 2.0 IN.
7018526-6A	6 FT. 1 IN. $\pm$ 1.0 IN.	6 FT. 0 IN. $\pm$ 2.0 IN.
7018526-7A	7 FT. 1 IN. $\pm$ 2.0 IN.	7 FT. 0 IN. $\pm$ 2.0 IN.
7018526-8A	8 FT. 1 IN. $\pm$ 2.0 IN.	8 FT. 0 IN. $\pm$ 2.0 IN.

- NOTES:
1. SOLDER PREFORM IS PART OF ITEM 2.
  2. CENTER CONDUCTOR TO PASS THRU SOLDER PREFORM OF ITEM 2.
  3. SHIELD TO BE FLARED BEFORE ASSY TO ITEM 2 & SMOOTHED OVER AFTER.



DETAIL B  
SCALE: NONE  
SHOWN WITH ITEM 2,  
CONTACT, REMOVED.

DETAIL A  
SCALE: NONE

DETAIL C  
SCALE: NONE  
SHOWN WITH ITEM 4,  
CONN, REMOVED.

CAUTION: SEE OFF SHEETS PARTS LIST  
K-PL-7018526-0-DBP (Z2284B)

REV	DATE	BY	CHK	DESCRIPTION
1	11/20/81	W. N. NIELSEN		7018526-0-0 DBP (Z2284B)
2	11/20/81	R. NIELSEN		7018526-0-0 DBP (Z2284B)

THIRD ANGLE PROJECTION		DESCRIPTION		DWG. PART NO.		ITEM NO.
REMOVE BURRS AND BREAK SHARP CORNERS		UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES		CLASS OF ACCURACY		NOMINAL DIMENSION RANGE (INCHES)
DO NOT SCALE DWG		SURFACE QUALITY		PREFERRED		OVER 12.0 TO 40.0
MATERIAL SEE PARTS LIST		FINISH		NEXT HIGHER ASSY.		OVER 40.0 TO 160.0
SHEET 1 OF 1		SCALE NONE		SIZE D		CODE IA
TITLED		CABLE ASSY (C1780)		NUMBER		7018526-0-0
DIST.		TW		REV		B

AUTOMATED BY PRTLST.4Q(50)

PARTS LIST

SHEET A1 OF A1

LINE	ITEM	DOCUMENT NUMBER	PART NUMBER	DESCRIPTION	QUANTITY PER VARIATION							
					1A	2A	3A	4A	5A	6A	7A	8A
1	1		1700278-00	CABLE,COAX 01COND 20AWG BRAIDSHL	1	1	1	1	1	1	1	1
2	2		1218505-00	CONN,COAX RG58 JACK SOLD	1	1	1	1	1	1	1	1
3	4		1217991-00	CONN,COAX TNC RG58 JACK	1	1	1	1	1	1	1	1
4	5	A-PS-3616073-0-0	3616073-00	LABEL,ID W/COPY VERTICAL	1	1	1	1	1	1	1	1

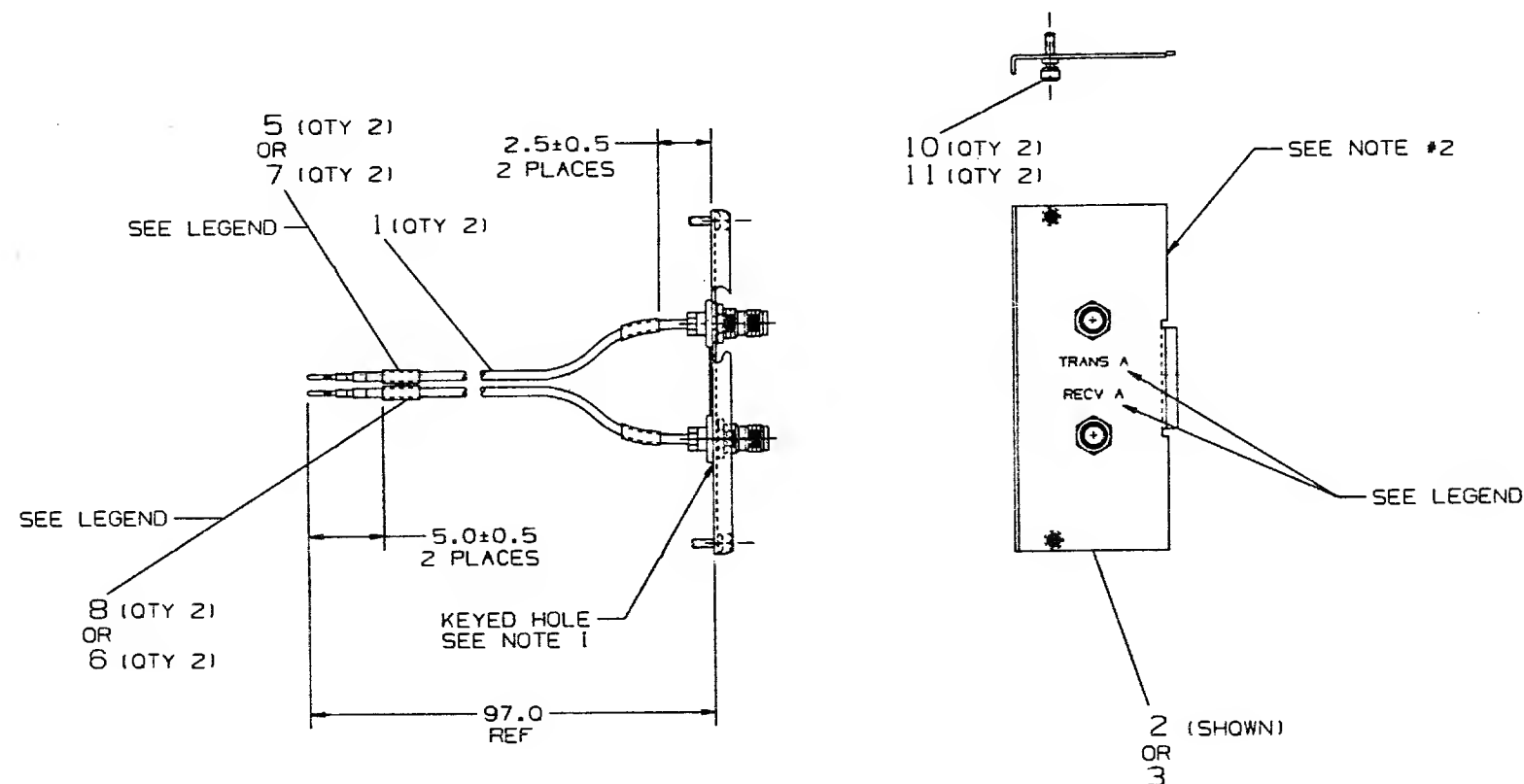
REVISION HISTORY			BASIC PART NO: 7018526		DRN: S. CHARTIER		DATE: 24 SEP-81		D I G I T A L			
ENG	ECO NUMBER	REV	SECTION A OF A		CHK'D: J. SULLIVAN		DATE: 24-SEP-81		TITLE PARTS LIST			
---	INITIAL	A	SECTION VARIATION INDEX		CHK'D: J. SULLIVAN		DATE: 24-SEP-81		CABLE ASSY(CI780)			
RN	7018526-TW001	B	[A] 1A,2A,3A,4A,5A,6A,7A,8A		DES.ENG.: R. NUEBLING		DATE: 24-SEP-81					
			[B]		DES.ENG.: R. NUEBLING		DATE: 24-SEP-81					
			[C]		RESP.ENG.: R. CASABONA		DATE: 24-SEP-81		DOCUMENT NUMBER			
			[D]		RESP.ENG.: R. CASABONA		DATE: 24-SEP-81		SIZE	CODE	NUMBER	REV
			[E]		MFG.ENG.: M. WARSHAW		DATE: 24-SEP-81		K	PL	7018526-0-DBP	B
			[F]		ASSEMBLY NUMBER: D-IA-7018526-0-0		TOP DOCUMENT NUMBER: E-UA-CI780-0-0		FILE NAME: Z22848.PLS		EDIT # 15	
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LEGEND			
PART NO.	REV	VARIATION	LABELS
7020752-01	B2	T/R A (SILKSCREEN)	ITEM 5 (TA), ITEM 6 (RA)
7020752-02	B2	T/R B (SILKSCREEN)	ITEM 7 (TB), ITEM 8 (RB)

NOTES:

1. FLAT ON CONNECTOR FITS INTO KEYPED HOLE.
2. PACKAGE IN ITEM #9.

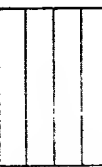
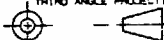


LAYER #3: FORMAT LAYER  
LAYER #2: WORK LAYER  
LAYER #1: INFORMATION LAYER

PLOT AT 1.00

CAUTION: OFF SHEET PARTS LIST EXISTS,  
REFER TO K-PL-7020752-0-DBP.  
(Z6710)

REVISIONS		
CHK	CHANGE NO.	REV.
-	INITIAL	A
TM	7C20752-LTND01	B
A. HAYNES 30ECB4		
B. MORIN 30ECB4		
LB	7020752-LTND2	C
C. SENECA 09APR85		
B. MORIN 09APR85		

	DESCRIPTION		DRAWING NO.		PART NO.		REV.		
	UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES AND THE FOLLOWING TOLERANCES APPLY IPER DEC 50 (114)								
	INCHES TOLERANCES	ANGLES 90° ± 30°	APPLICABLE DIMENSION RANGE	DIMENSION RANGE IN INCHES					
				OVER 0.1 TO 0.2	OVER 0.2 TO 0.5	OVER 0.5 TO 1.0	OVER 1.0 TO 1.5	OVER 1.5 TO 30.0	OVER 30.0 TO 40.0
.XX1 ± .01 .XX2 ± .02 .XX3 ± .005	SURFACE QUALITY  ✓  HIDDEN LINES	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	.004 .008 .012 .016 .020 .024	.008 .012 .016 .020 .024 .028	.012 .016 .020 .024 .028 .032	.016 .020 .024 .028 .032 .036	.020 .024 .028 .032 .036 .040	
QUANTITY & VARIATION		DATE		TITLE		REV.			
E-1A-7020447-0-DBU		22MAR63		CABLE SET		ASSY 750			
THIRD ANGLE PROJECTION 		DRN KEVIN R. KEEFE		DATE 17 MAY 83		DOC. ENT. NUMBER			
DO NOT SCALE DRAWING		CHKD F. HALLIDAY		DATE 17 MAY 83		REV.			
REMOVE BURRS AND BREAK SHARP CORNERS		DES. DES. BOB SMITH		DATE 17 MAY 83		REV.			
MATERIAL		MFG. DES. BOB SMITH		DATE 17 MAY 83		REV.			
SEE PARTS LIST		TOP DOC. 0-AD-7020752-0-DBU		SCALE 1:1		SHEET 1 OF 1			
FINISH NONE		0-AD-7020752-0-DBU		D AD 7020752-0-DBU C		REV.			

LINE	ITEM	TOP DOCUMENT	PART NUMBER	MIN REV	DESCRIPTION	QTY PER VARIATION	
						01	02
					VARIATION REVISION LEVEL:	B1	B1
1	1	D-IA-7018526-0-0	7018526-8A		BULK HEAD CABLE CI780	2	2
2	2	D-IA-7426407-26-DBU	7426407-26		PANEL, DOUBLE (P/RA)	1	-
3	3	D-IA-7426407-27-DBU	7426407-27		PANEL, DOUBLE (P/RB)	-	1
4	4	A-PS-3616073-0-0	3616073-00		*** THIS ITEM IS NOT USED ***	-	-
5	5		9107840-00		TUBING,SHRINK HOT STAMP YEL-BLK	2	-
6	6		9107840-01		TUBING,SHRINK HOT STAMP YEL-BLK	2	-
7	7		9107840-02		TUBING,SHRINK HOT STAMP YEL-BLK	-	2
8	8		9107840-03		TUBING,SHRINK HOT STAMP YEL-BLK	-	2
9	9		9906557-01		BAG,POLY RECLOSE 2 MIL THK WRIT	1	1
10	10		1219534-01		SCREW, CAPTV SLOT 4-	2	2
11	11		9006688-00		WASHER,HELICAL SPLIT SST	2	2

REVISION HISTORY			BASIC PART NO: 7020752		DRN: K R KEEFE		DATE: 21-MAR-83		D I G I T A L				
ENG	ECO NUMBER	REV	SECTION A OF A		CHK'D: F HALLIDAY		DATE: 21-MAR-83		TITLE PARTS LIST				
---	INITIAL	A	SECTION VARIATION INDEX		DES.ENG: B MONDOR <th colspan="2">DATE: 21-MAR-83</th> <td colspan="5">CABLE SET ASSY (CI750)</td>		DATE: 21-MAR-83		CABLE SET ASSY (CI750)				
BM	7020752-TW001	B	(A)01,02		RESP.ENG.: B MONDOR <th colspan="2">DATE: 21-MAR-83</th> <td colspan="5">DOCUMENT NUMBER</td>		DATE: 21-MAR-83		DOCUMENT NUMBER				
BM	7020752-LTN02	C	(B)		MFG.ENG.: B SMITH <th colspan="2">DATE: 21-MAR-83</th> <td>SIZE</td> <td>CODE</td> <td>NUMBER</td> <td>REV</td>		DATE: 21-MAR-83		SIZE	CODE	NUMBER	REV	
			(C)		ASSEMBLY NUMBER:		DATE: 21-MAR-83		K	PL	7020752-0-DBP	C	
			(D)		D-AD-7020752-0-DBU		DATE: 21-MAR-83		RELEASE DATE: 01-MAY-85				
			(E)				TOP DOCUMENT NUMBER:		FILE NAME: <td colspan="2">EDIT #</td>		EDIT #		
			(F)				D-AD-7020752-0-DBU		Z6710C.PLS		12		
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DRAWING NO.	NO. OF SHTS.	PART NO.	DESCRIPTION	REVISIONS																									
		L0009-0-0	PARTS REVISION	A1	A2																								
E-UA-L0009-0-0	2		UNIT ASSEMBLY	A	A																								
K-PL-L0009-0-DBP	2		PARTSLIST	A	B																								
D-MD-5015556-0-0	2		DRILL AND ETCH	A	A																								
		5015556-0-0	ETCH BOARD	A	A																								
K-PC-L0009-0-DBI	-		P.C. DATABASE	A	A																								
E-EC-5015556-0-0	2		ETCH CUT	A	A																								
K-CS-L0009-0-01	1	SCHEMATICS		A	A																								
K-CS-L0009-0-02	1			A	A																								
K-CS-L0009-0-03	1			A	A																								
K-CS-L0009-0-04	1			A	A																								
K-CS-L0009-0-05	1			A	A																								
K-CS-L0009-0-06	1			A	A																								
K-CS-L0009-0-07	1			A	A																								
K-CS-L0009-0-08	1			A	A																								
K-CS-L0009-0-09	1			A	A																								
K-CS-L0009-0-10	1			A	A																								
K-CS-L0009-0-11	1			A	A																								
K-CS-L0009-0-12	1			A	A																								
K-CS-L0009-0-13	1			A	A																								
K-CS-L0009-0-14	1			A	A																								
K-CS-L0009-0-15	1			A	A																								
K-CS-L0009-0-16	1			A	A																								
K-CS-L0009-0-17	1			A	A																								
K-CS-L0009-0-18	1		A	A																									
K-CS-L0009-0-19	1		A	A																									

NOTES:

REVISIONS

DATE	CHG NO.	REV.
6/83	INIT	A
2/84	TWO01	B

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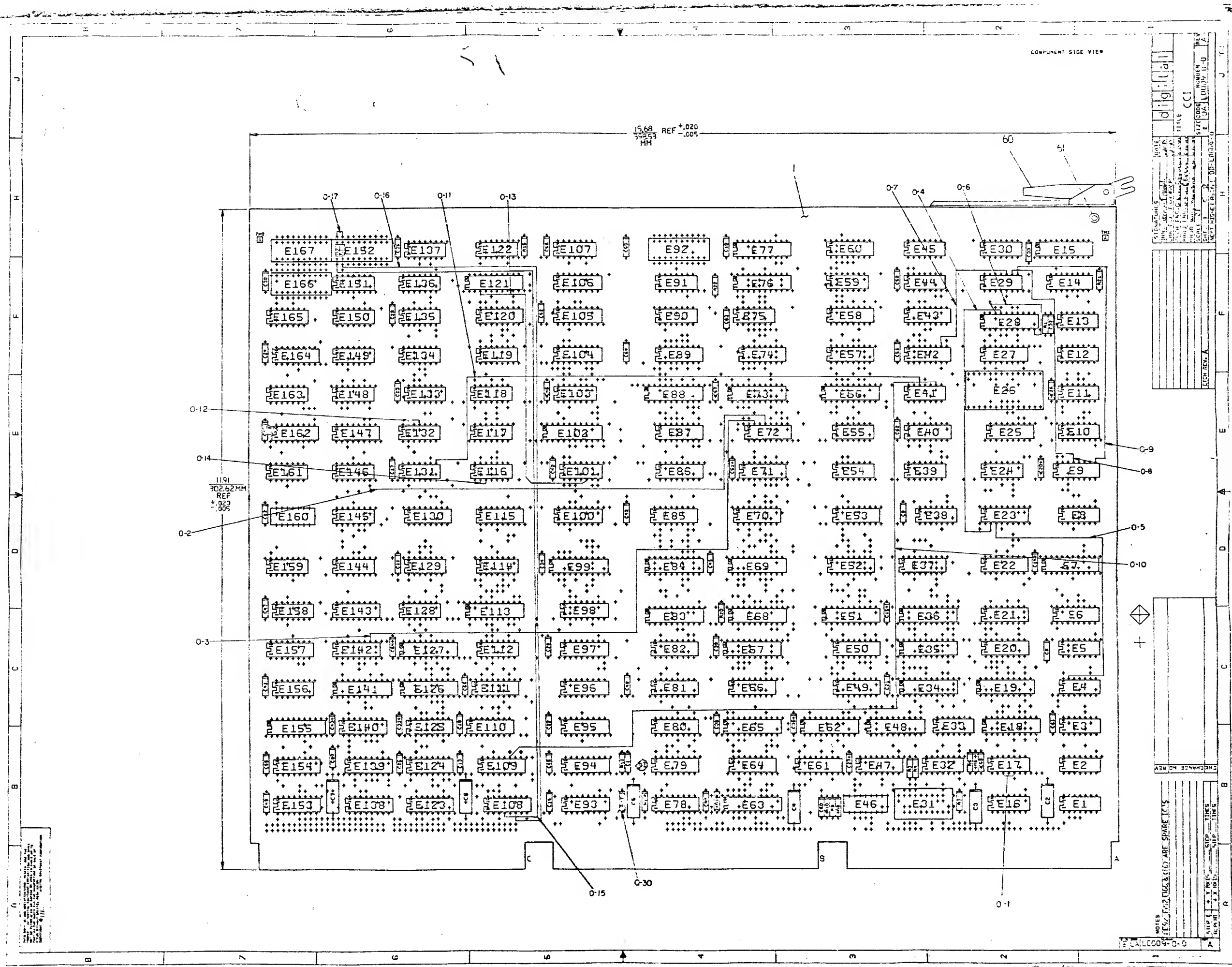
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digital

USED ON OPTION/MODEL		DRN.	DATE	TITLE
		Thomas F. Walsh	4-7-83	C.C.I.
		Thomas F. Walsh	4-7-83	
		G. Koerber	6-20-83	
		GARRY NEWMAN	6-20-83	

SIZE	CODE	NUMBER	REV.
B	DD	L0009-0-0	B
SHEET 1		OF 2	





DATE	11/1/68
BY	JAL
CHKD	JAL
APP'D	JAL
TITLE	digital
PROJECT	CCI
SCALE	1:1
SIZE CODE	0-0
NUMBER	JAL0000-0-0
REV	1

REVISION	DATE	BY	CHKD	APP'D
1	11/1/68	JAL	JAL	JAL

REVISION	DATE	BY	CHKD	APP'D
2	11/1/68	JAL	JAL	JAL

REVISION	DATE	BY	CHKD	APP'D
3	11/1/68	JAL	JAL	JAL

REVISION	DATE	BY	CHKD	APP'D
4	11/1/68	JAL	JAL	JAL

REVISION	DATE	BY	CHKD	APP'D
5	11/1/68	JAL	JAL	JAL

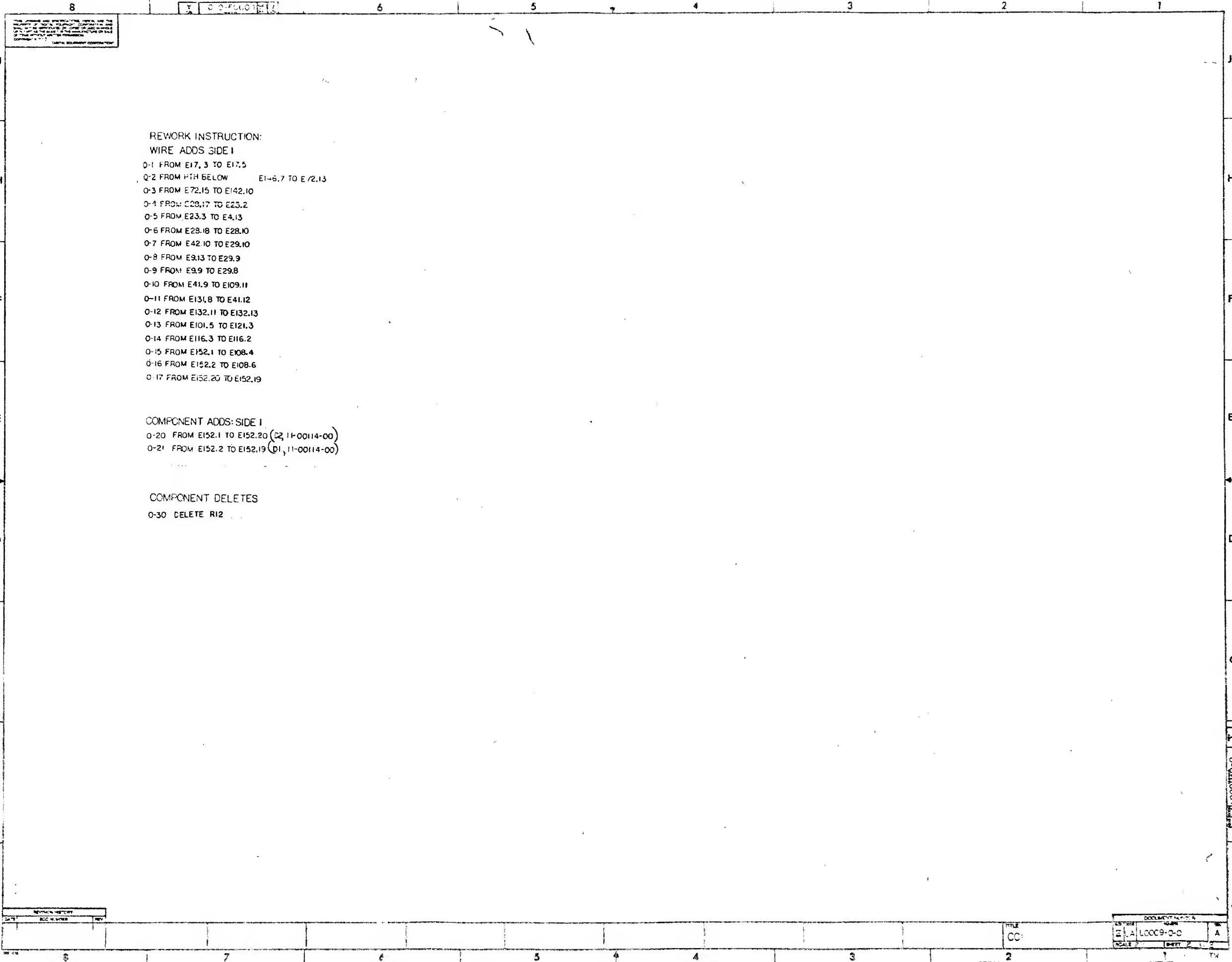
REVISION	DATE	BY	CHKD	APP'D
6	11/1/68	JAL	JAL	JAL

REVISION	DATE	BY	CHKD	APP'D
7	11/1/68	JAL	JAL	JAL

NOTES  
ITEMS E15, E162, E163, E167 ARE SPARE P.C.'S

REVISION NO. 1  
DATE 11/1/68  
BY JAL  
CHKD JAL  
APP'D JAL





REWORK INSTRUCTION:  
WIRE ADDS SIDE I

0-1 FROM E17.3 TO E17.5  
0-2 FROM PTH BELOW E1-6,7 TO E/2,13  
0-3 FROM E72,15 TO E142,10  
0-4 FROM E29,17 TO E23,2  
0-5 FROM E23,3 TO E4,13  
0-6 FROM E28,18 TO E28,10  
0-7 FROM E42,10 TO E29,10  
0-8 FROM E9,13 TO E29,9  
0-9 FROM E9,9 TO E29,8  
0-10 FROM E41,9 TO E109,11  
0-11 FROM E131,8 TO E41,12  
0-12 FROM E132,11 TO E132,13  
0-13 FROM E101,5 TO E121,3  
0-14 FROM E116,3 TO E116,2  
0-15 FROM E152,1 TO E108,4  
0-16 FROM E152,2 TO E108,6  
0-17 FROM E152,20 TO E152,19

COMPONENT ADDS: SIDE I

0-20 FROM E152,1 TO E152,20 (22, 11-00114-00)  
0-21 FROM E152,2 TO E152,19 (01, 11-00114-00)

COMPONENT DELETES

0-30 DELETE RI2

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REVISION HISTORY

DATE	BY	REVISION

DOCUMENT NUMBER

CC: 10009-0-0

SCALE: 1:1

SHEET: 1 OF 1



AUTOMATED BY PRTSUD.2B(4)

## P A R T S L I S T

LINE ITEM TOP DOCUMENT

PART NUMBER MIN REV

DESCRIPTION

VARIATION REVISION LEVEL:

QTY PER VARIATION

00  
A2

REFERENCE DESIGNATOR

1	1	D-MD-5015556-0-0	5015556-00	ETCH CUT BOARD	1	
2	53	BLANK		*** THIS ITEM IS NOT USED ***	-	
3	57		1012784-00	.047 MFD 50V +80-20% CER	60	C1,C8-C66
4	56		1017472-00	10 MFD 35V +50-10% AL EL	6	C2-C7
5	22		1318784-00	R NETWORK MULTI-VALUE 16PIN	1	E31
6	60		1216988-02	HANDLE,MODULE,HEX TWO EJECTORS	1	
7	55		1300005-01	R NETWORK 13-1K 5.0 % 14PIN	1	E16
8	47		1300229-00	100.0 .25 W 5.0 % CF	4	R1,R15,R18,R20
9	48		1300250-00	150.0 .25 W 5.0 % CF	4	R3,R4,R5,R6
10	49		1302379-00	75.0 .25 W 5.0 % CF	4	R7,R11,R21,R22
11	51		1305125-00	383.0 .25 W 1.0 % RN55D-F10	1	R9
12	50		1311422-00	178.0 .25 W 1.0 % RN55D-F10	2	R8,R10
13	39		1312628-00	R NETWORK 14-176.5 14-375 16PIN	3	E108,E123,E138
14	52		1503121-00	2N 2369 NPN 350MW SI N	1	Q1
15	29		1616653-01	DELAY= 100NS,10TAPS WITH TTLBU	2	E46,E160
16	23		1909705-00	DEC 8881 NAND GATE-QUAD 2IN 0	2	E32,E146
17	9		1910532-00	74S00 NAND GATE-QUAD 2IN	4	E11,E44,E137,E163
18	17		1910534-00	74S04 INVERTER GATE-HEX 1I	4	E24,E129,E132,E161
19	13		1910535-00	74S05 INVERTER GATE-HEX 1	1	E17
20	10		1910536-00	74S10 NAND GATE-TRIPLE 3IN	4	E13,E54,E112,E136
21	2		1910537-00	74S11 AND GATE-TRIPLE 3INP	3	E2,E12,E149
22	27		1910544-00	74S74 FF-D DUAL,EDGE TRIGG	1	E41
23	28		1910545-00	74S112 FF-JK DUAL,EDGE TRIG	3	E43,E106,E147
24	44		1910549-00	74S158 MUX 1 OF 2 (QUAD)	2	E142,E143
25	16		1910550-00	74S174 FF-D HEX	4	E23,E25,E27,E164
26	8		1910957-00	74S175 FF-D QUAD COMMON CLO	4	E9,E42,E72,E162
27	45		1911469-00	DEC 8640 RECEIVER,BUS,QUAD,U	1	E144
28	25		1911573-00	74S280 PARITY GEN/CHKR,9BIT	4	E38,E59,E103,E114
29	40		1911675-00	74S138 DECODER/DEMUX 3-8 LI	2	E115,E157
30	46		1911712-00	74S51 AND-OR GATE-INVERT D	1	E148

3046

911712-00

71551

REVISION HISTORY			BASIC PART NO: L0009		DRN: D. SIREEN		DATE: 11-17-82		D I G I T A L				
ENG	ECO NUMBER	REV	SECTION A OF A		CHK'D: E.T. GERRY		DATE: 11-17-82		TITLE PARTS LIST				
---	INITIAL	A	SECTION VARIATION INDEX		DES.ENG: G. KOECKHOVEN		DATE: 11-17-82		DOCUMENT NUMBER				
RE	L0009-TW001	B	(A) 00		RESP.ENG.: G. KOECKHOVEN		DATE: 11-17-82		SIZE	CODE	NUMBER	REV	
			(B)		MFG.ENG.: BARRY NEWMANN		DATE: 20-JUN-83		K	PL	L0009-C-DBP	B	
			(C)		ASSEMBLY NUMBER:		TOP DOCUMENT NUMBER:		RELEASE DATE: 18-APR-84				
			(D)		E-UA-L0009-0-0		B-DD-L0009-0-0		FILE NAME:		EDIT #		
			(E)						Z3933B.PLS		15		
			(F)										
			(G)										
			(H)										
			(I)										
			(J)										
			(K)										
			(L)										
			(M)										
			(N)										
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## P A R T S L I S T

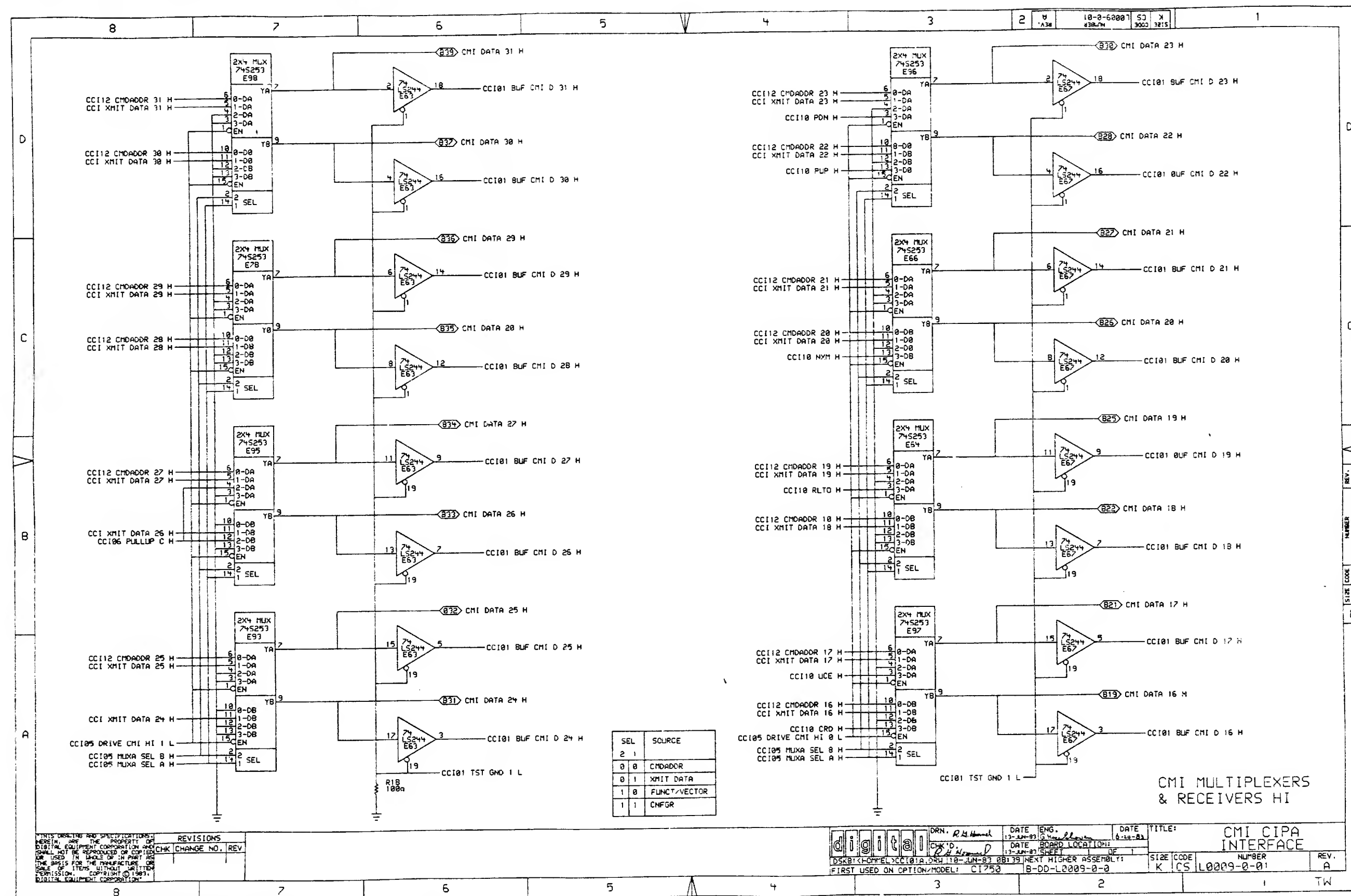
LINE ITEM TOP DOCUMENT

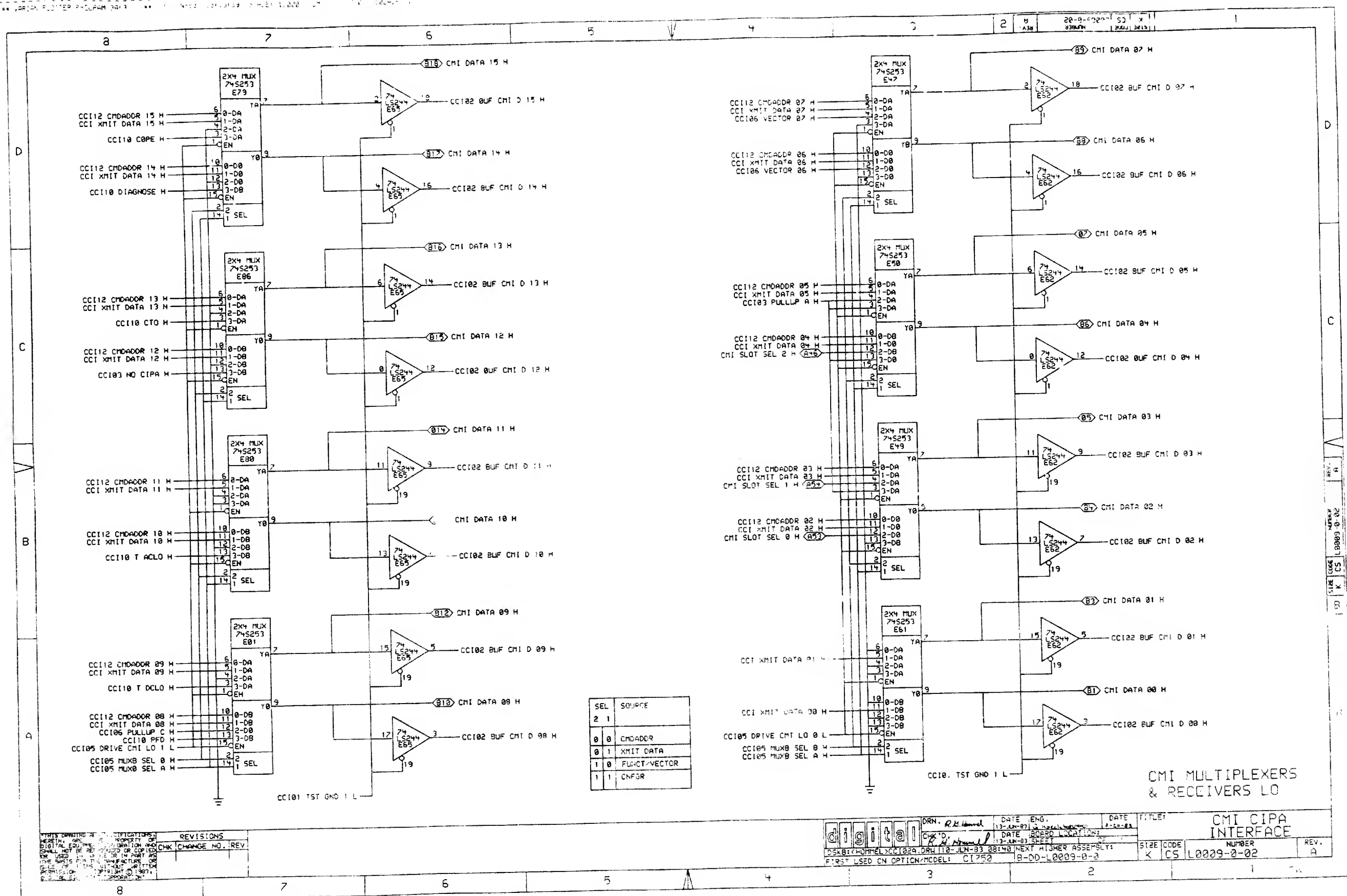
PART NUMBER MIN REV DESCRIPTION  
VARIATION REVISION LEVEL:QTY PER VARIATION  
00  
A2

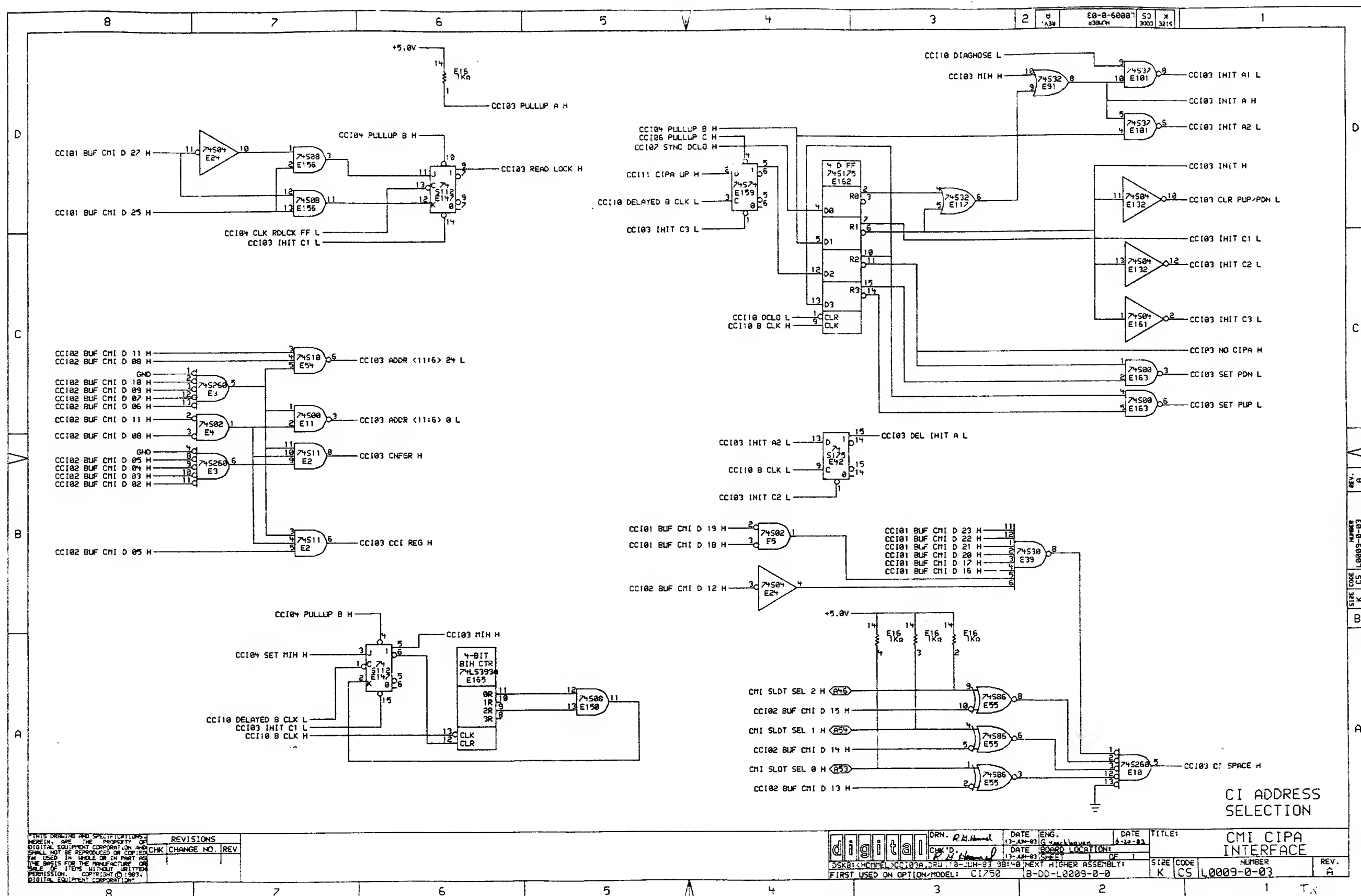
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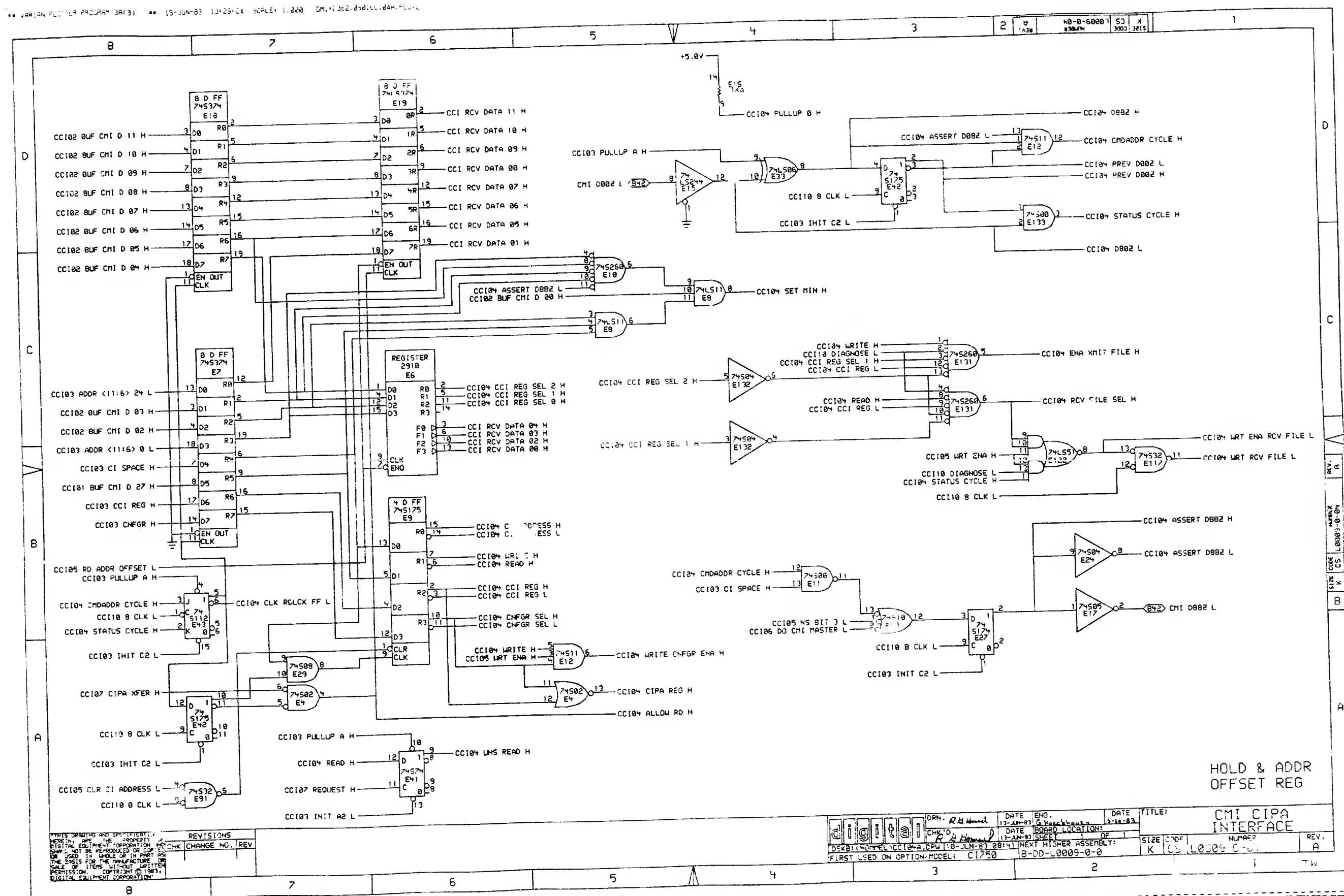
31	31	1912096-00	DEC	74S85	XOR GATE, QUAD 2IN	1	E55
32	4	1912388-00		74S02	NOR GATE-QUAD 2IN, PO	4	E4, E5, E116, E145
33	20	1912389-00		74S08	AND GATE-QUAD 2IN, PO	6	E29, E90, E128, E133, E150, E156
34	15	1912656-00		LS670	REGISTER FILE, 4X4, LO	16	E20, E21, E22, E37, E52, F53, E57, E58,
							E60, E70, E74, E85, E87, E89, E104,
						CONT	E105
						CONT	E47, E49, E50, E61, E64, E66, E78, E79,
35	30	1912560-00		74S253	MUX 1 OF 4 (DUAL)	16	E80, E81, E86, E93, E95, E96, E97, E98
						CONT	E101
36	38	1912746-00	DEC	74S37	NAND GATE-QUAD 2IN	1	E8
37	7	1912808-00		LS11	AND GATE-TRIPLE 3IN	1	E134
38	43	1912816-00		LS32	OR GATE-QUAD 2IN, POS	1	E122
39	41	1912820-00		LS51	A-O-I GATE 2-WIDE 2I	1	E75
40	33	1912824-00		LS74	FF-D DUAL, EDGE TRIGG	1	E33
41	24	1912829-00		LS86	X-OR GATE-QUAD 2IN	1	E40, E100, E120, E130
42	26	1912834-00		LS112	FF-JK, DUAL, EDGE TRIG	4	E14
43	11	1912842-00		LS138	DECODER-THREE INPUT,	1	E71, E82
44	32	1912854-00		LS193	COUNTER, SYNCHR, 4BIT,	2	E77
45	35	1912863-00		LS273	FF-D OCTAL W/CLEAR	1	E91, E117, E135
46	36	1913340-00		74S32	OR GATE-QUAD 2IN	3	E126, E141
47	42	1913670-00		74S373	LATCH, 8BIT TRANS TRI	2	E7, E18, E35, E48, E51, E68, E83
48	6	1913671-00		74S374	FF-D, OCTAL, TRI STATE	7	E76
49	34	1913777-00		LS240	DRIVER, LINE, OCTAL, T	1	E94, E109, E110, E111, E124, E125,
50	37	1913788-00		26S10	TRANSCEIVER, BUS, QUA	10	E139, E140, E153, E154
						CONT	E3, E10, E131
51	3	1914085-00		74S260	NOR GATE-DUAL, POS	3	E1, E39
52	54	1914086-00		74S30	NAND GATE-POS 8IN	2	E19, E56, E73, E88, E99, E102
53	14	1914214-00		LS374	FF-D OCTAL EDGE TRIG	6	E45, E107, E151, E165
54	21	1914451-00		LS393	COUNTER, BINARY, 48IT	4	E6
55	5	1914845-00		2918	FF-D QUAD TRI-STATE	1	E15, E34, E36, E62, E63, E65, E67, E69,
56	12	1915193-00		LS244	DRIVER, LINE, OCTAL, T	11	E84, E113, E127
						CONT	E28
57	19	23093B1-00	B1-01			1	E26
58	18	23095C6-00	C6-01			1	E121
59	53	23053K5-00	K5-01			1	
60	61	9000024-01		EYELET, ROLLED	0.1210DX0.192	12	W1
61	59	9009185-00		JUMPER, WIRE, INSULATED, BLACK B		1	XE31
62	62	1215006-02	SKT, IC	16PIN DIP TIN	SOLD	1	XE28, XE121
63	63	1215006-04	SKT, IC	20PIN DIP TIN	SOLD	2	XE26
64	64	1215006-07	SKT, IC	28PIN DIP TIN	SOLD	1	E118, E119, E158, E159
65	65	1910544-01		74S74-60GG-D DUAL, EDGE TRIG		4	D1, D2
66	66	1100114-00	PIV=	25 IO=135 MA		2	
67	67	9105740-55	WIRE(WRAP)	30AWG KYNAR UL14		1	E155
68	68	1913671-50		74S374	FF-D, OCTAL, TRI STATE	1	

D I G I T A L	TITLE	SECTION A OF A	SIZE	CODE	DOCUMENT NUMBER	REV
	C.C.I.		K	PL	L0009-0-DBP	B









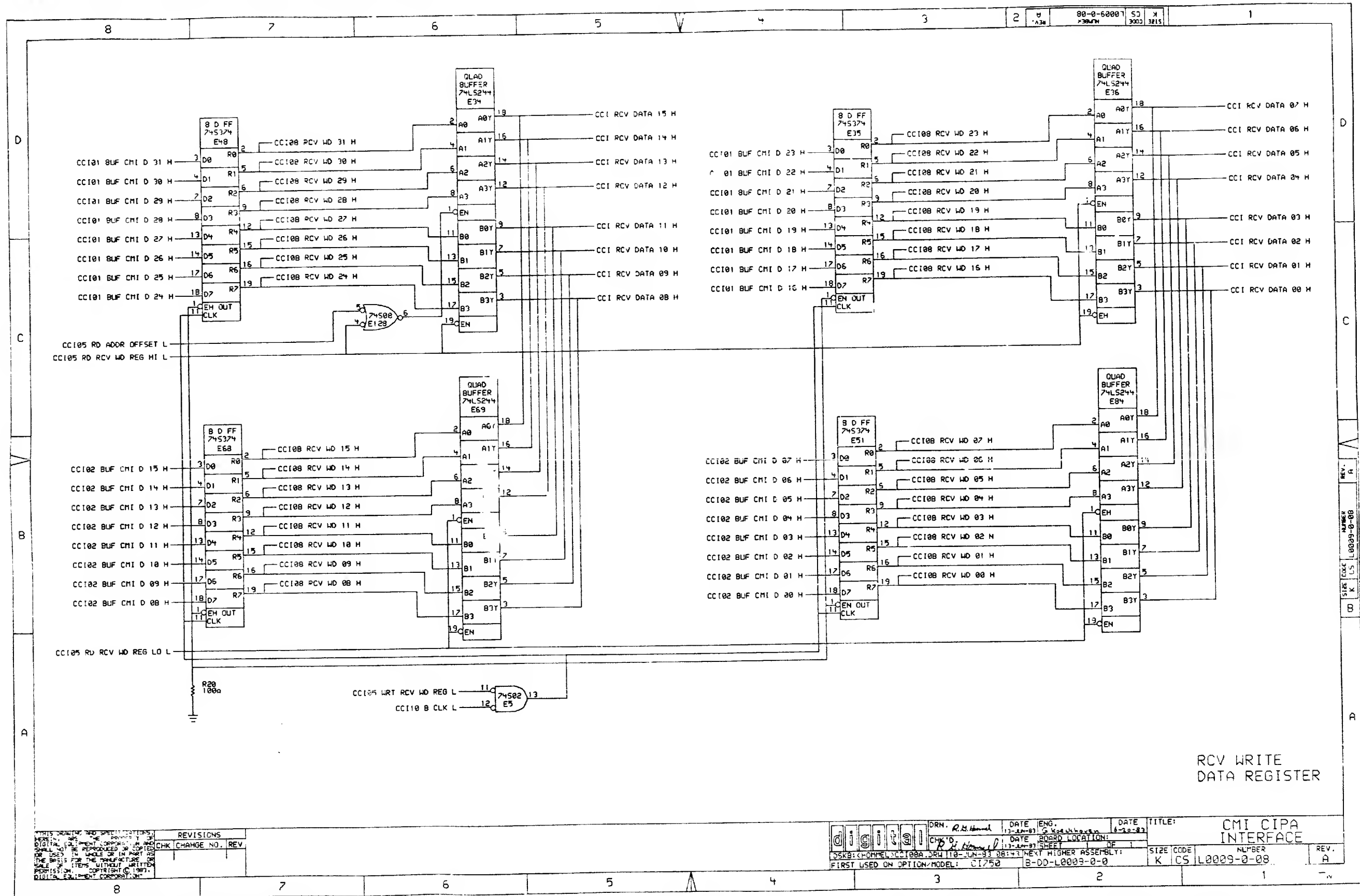


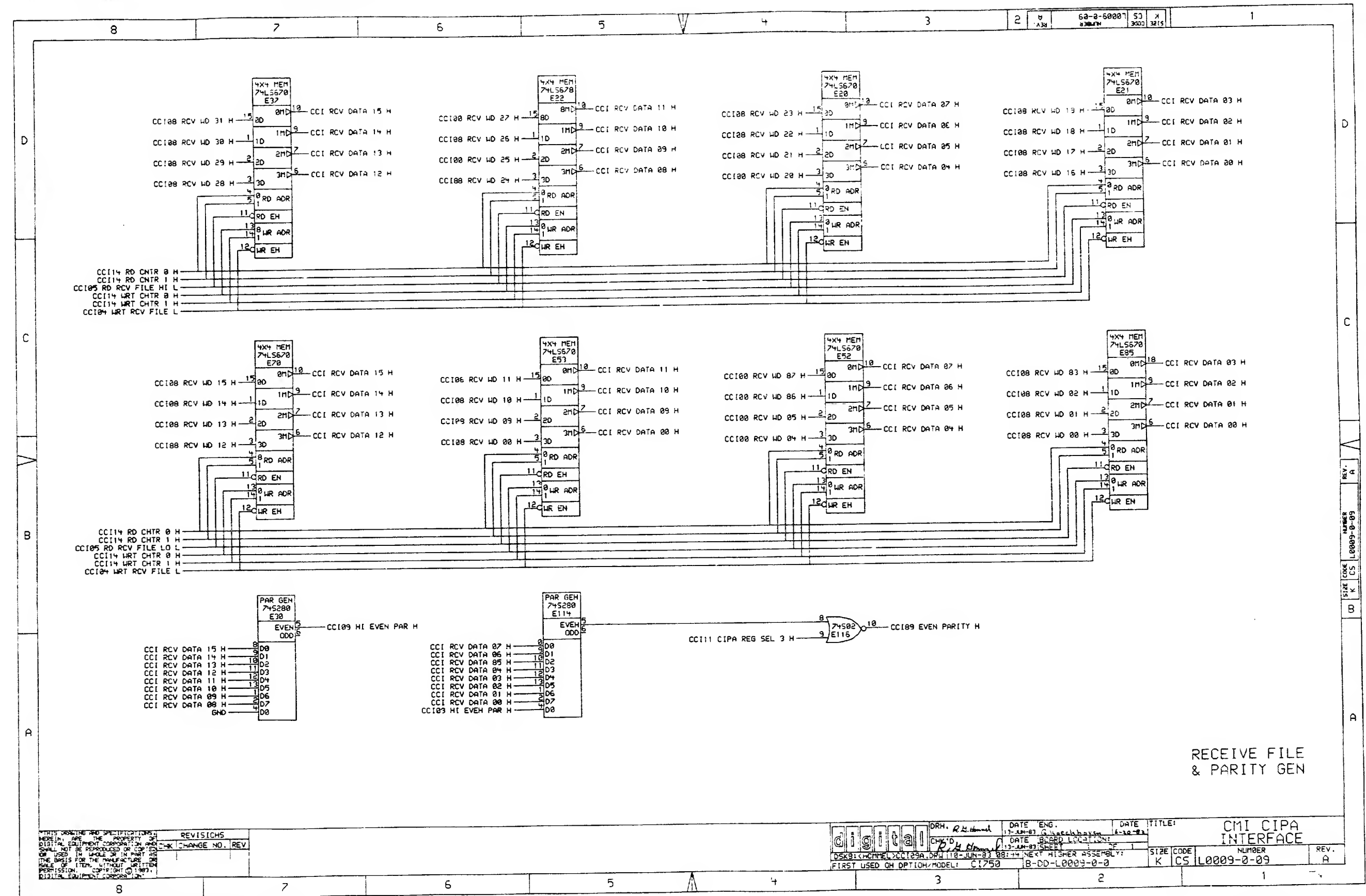


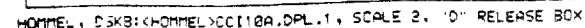


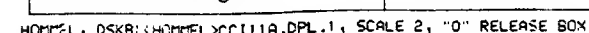


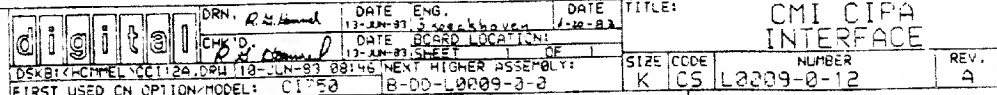


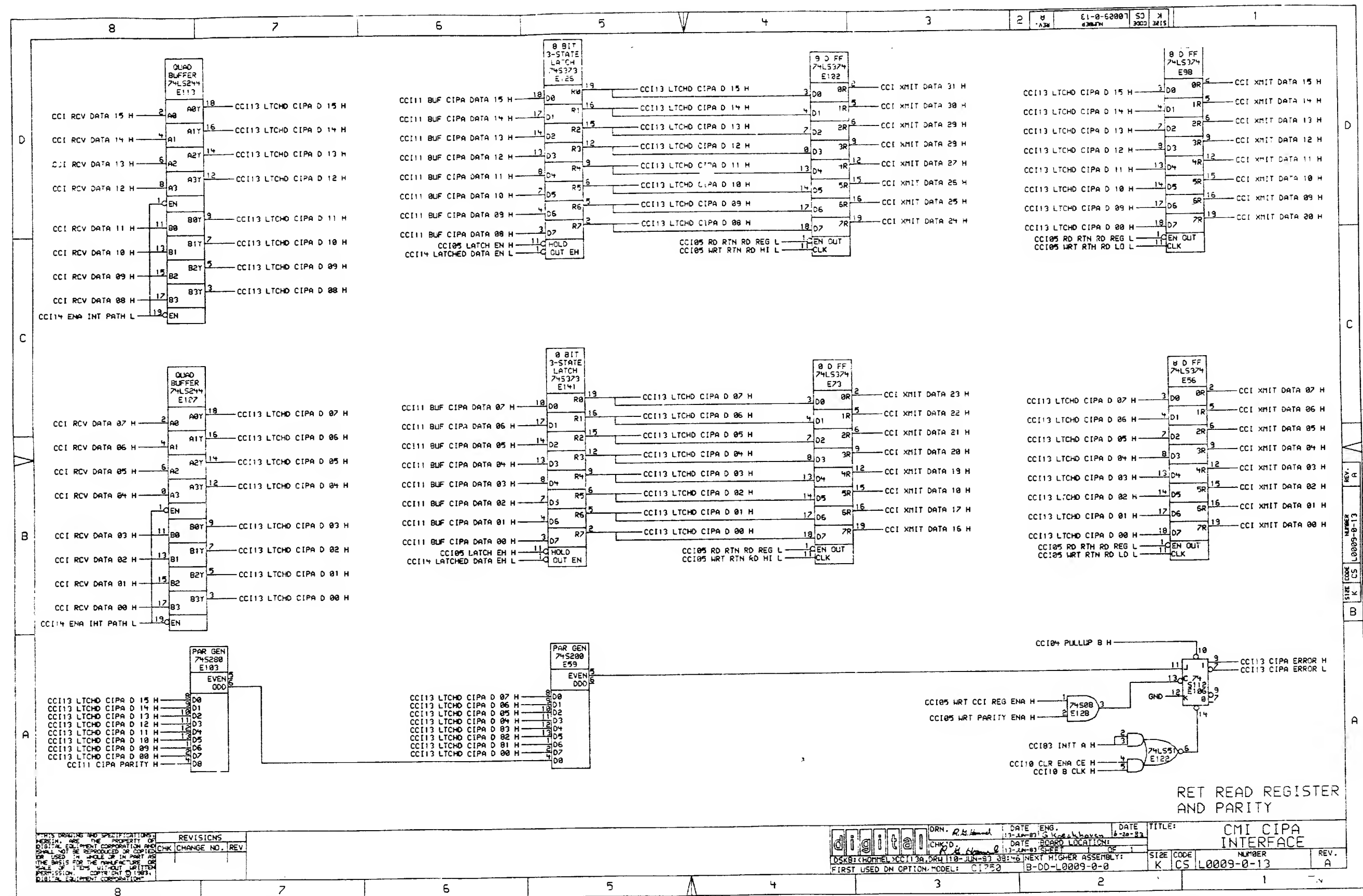




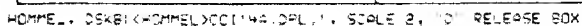




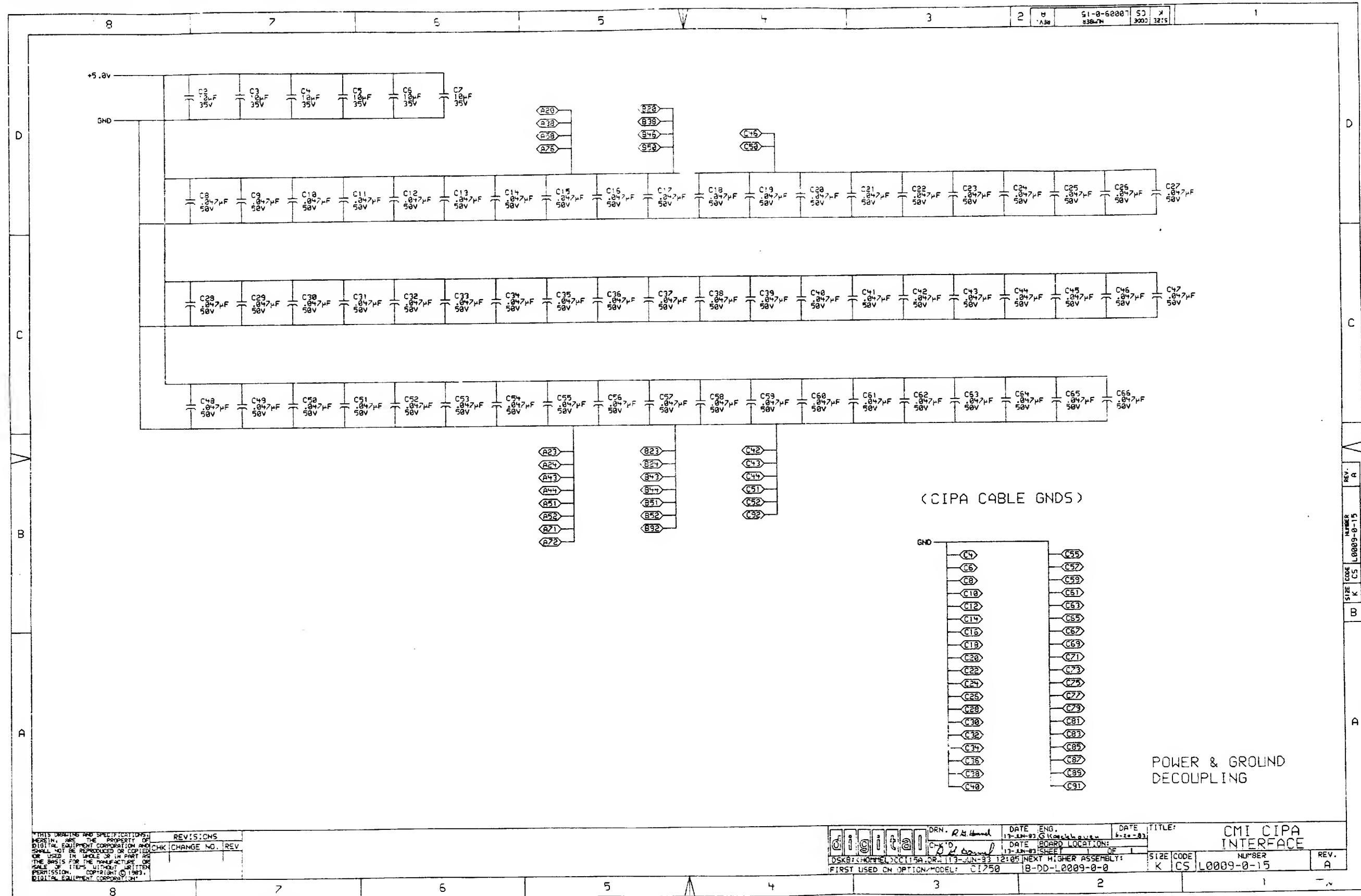














8	7	6	5	4	3	2	1	
SIGNAL NAME		PAGE NUMBER(S)	SIGNAL NAME		PAGE NUMBER(S)	SIGNAL NAME		PAGE NUMBER(S)
ARB IN 0 (A) L		06	CCI XMIT DATA 31 H		01,13,14	CCI03 PULLUP A H		03,05,04,12,10,02
ARB IN 1 (A) L		06	CCI01 BUF CMI D 16 H		00,03,01,10	CCI03 READ LOCK H		07,03
ARB OUT (A) L		06,05	CCI01 BUF CMI D 17 H		00,03,10,01	CCI03 SET PDN L		10,03
CCI RCV DATA 00 H		04,09,08,11,13	CCI01 BUF CMI D 18 H		03,00,01	CCI03 SET PUP L		10,03
CCI RCV DATA 01 H		04,09,08,11,13	CCI01 BUF CMI D 19 H		03,10,09,01	CCI04 ALLOW RD H		04
CCI RCV DATA 02 H		04,09,08,11,13	CCI01 BUF CMI D 20 H		00,03,10,01	CCI04 ASSERT D002 H		04,14
CCI RCV DATA 03 H		04,09,08,11,13	CCI01 BUF CMI D 21 H		00,03,01	CCI04 ASSERT D002 L		04
CCI RCV DATA 04 H		04,09,08,11,13	CCI01 BUF CMI D 22 H		00,03,01,10	CCI04 CCI REG H		04
CCI RCV DATA 05 H		04,09,08,11,13	CCI01 BUF CMI D 23 H		00,03,01,10	CCI04 CCI REG L		04
CCI RCV DATA 06 H		04,09,08,11,13	CCI01 BUF CMI D 24 H		00,01	CCI04 CCI REG SEL 0 H		04,05
CCI RCV DATA 07 H		04,09,08,11,13	CCI01 BUF CMI D 25 H		00,01,03	CCI04 CCI REG SEL 1 H		04,05
CCI RCV DATA 08 H		04,09,08,11,13	CCI01 BUF CMI D 26 H		00,01	CCI04 CCI REG SEL 2 H		04,05
CCI RCV DATA 09 H		04,09,08,11,13	CCI01 BUF CMI D 27 H		04,03,00,01	CCI04 CI ADDRESS H		04,05
CCI RCV DATA 10 H		04,09,08,11,13	CCI01 BUF CMI D 28 H		00,01	CCI04 CI ADDRESS L		04,05,12
CCI RCV DATA 11 H		04,09,08,11,13	CCI01 BUF CMI D 29 H		00,01	CCI04 CIPA REG H		04,05
CCI RCV DATA 12 H		00,09,11,13	CCI01 BUF CMI D 30 H		00,01	CCI04 CLK ROLCK FF L		04,03
CCI RCV DATA 13 H		00,09,11,13	CCI01 BUF CMI D 31 H		10,00,01	CCI04 CNOADDR CYCLE H		04
CCI RCV DATA 14 H		00,09,11,13	CCI01 TST GND 1 L		02,01	CCI04 CNFGR SEL H		04,05
CCI RCV DATA 15 H		00,09,11,13	CCI02 BUF CMI D 00 H		04,00,02	CCI04 CNFGR SEL L		04,05
CCI XMIT DATA 00 H		13,14,02	CCI02 BUF CMI D 01 H		00,02	CCI04 D002 H		04
CCI XMIT DATA 01 H		13,14,02	CCI02 BUF CMI D 02 H		03,04,00,02	CCI04 D002 L		06,04,05
CCI XMIT DATA 02 H		02,13,14	CCI02 BUF CMI D 03 H		03,04,00,02	CCI04 ENA XMIT FILE H		04,05
CCI XMIT DATA 03 H		02,13,14	CCI02 BUF CMI D 04 H		03,04,00,02	CCI04 PREV D002 H		04
CCI XMIT DATA 04 H		02,13,14	CCI02 BUF CMI D 05 H		03,04,00,02	CCI04 PREV D002 L		04
CCI XMIT DATA 05 H		02,13,14	CCI02 BUF CMI D 06 H		03,04,00,02	CCI04 PULLUP B H		04,12,10,03,07,13,06
CCI XMIT DATA 06 H		02,13,14	CCI02 BUF CMI D 07 H		03,04,00,02	CCI04 RCV FILE SEL H		04,05
CCI XMIT DATA 07 H		02,13,14	CCI02 BUF CMI D 08 H		03,04,02,00,10	CCI04 READ H		04,05
CCI XMIT DATA 08 H		02,13,14	CCI02 BUF CMI D 09 H		03,04,02,00	CCI04 SET MIN H		04,03
CCI XMIT DATA 09 H		02,13,14	CCI02 BUF CMI D 10 H		03,04,02,00	CCI04 STATUS CYCLE H		10,04,07,12
CCI XMIT DATA 10 H		02,13,14	CCI02 BUF CMI D 11 H		03,04,02,00	CCI04 UNS READ H		04,11
CCI XMIT DATA 11 H		02,13,14	CCI02 BUF CMI D 12 H		03,02,00	CCI04 WRITE CNFGR ENA H		10,04
CCI XMIT DATA 12 H		02,14,13	CCI02 BUF CMI D 13 H		03,02,00,10	CCI04 WRITE H		04
CCI XMIT DATA 13 H		02,14,13	CCI02 BUF CMI D 14 H		03,02,00,10	CCI04 WRT ENA RCV FILE L		04
CCI XMIT DATA 14 H		02,14,13	CCI02 BUF CMI D 15 H		03,02,00	CCI04 WRT RCV FILE L		09,14,04
CCI XMIT DATA 15 H		02,14,13	CCI03 ADDR <11:6> 0 L		04,03	CCI05 ALLOW D002 H		12,05
CCI XMIT DATA 16 H		14,13,01	CCI03 ADDR <11:6> 24 L		04,03	CCI05 CLR CI ADDRESS L		05,04
CCI XMIT DATA 17 H		14,13,01	CCI03 CCI REG H		03,04	CCI05 CLR WAIT H		05,06
CCI XMIT DATA 18 H		14,01,13	CCI03 CI SPACE H		04,03	CCI05 DIAGN WRT ENA H		05
CCI XMIT DATA 19 H		14,01,13	CCI03 CLR PUP/PDN L		03,10	CCI05 DRIVE CIPA H		14,05
CCI XMIT DATA 20 H		01,13,14	CCI03 CNFGR H		03,04	CCI05 DRIVE CMI HI 0 L		05,01
CCI XMIT DATA 21 H		01,13,14	CCI03 DEL INIT A L		03,10	CCI05 DRIVE CMI HI 1 L		05,01
CCI XMIT DATA 22 H		13,14,01	CCI03 INIT A H		03,07,13	CCI05 DRIVE CMI LO 0 L		05,02
CCI XMIT DATA 23 H		13,14,01	CCI03 INIT A1 L		12,14,10,03,07	CCI05 DRIVE CMI LO 1 L		05,02
CCI XMIT DATA 24 H		01,13,14	CCI03 INIT A2 L		10,04,03	CCI05 ENA XMIT H		05
CCI XMIT DATA 25 H		01,13,14	CCI03 INIT C1 L		03	CCI05 LATCH EN H		13,05
CCI XMIT DATA 26 H		01,13,14	CCI03 INIT C2 L		04,05,03,07,06	CCI05 MUXA SEL A H		05,01,12
CCI XMIT DATA 27 H		01,13,14	CCI03 INIT C3 L		03	CCI05 MUXA SEL B H		05,01,12
CCI XMIT DATA 28 H		01,13,14	CCI03 INIT H		12,03	CCI05 MUXB SEL A H		05,02
CCI XMIT DATA 29 H		01,13,14	CCI03 M1H H		03,11	CCI05 MUXB SEL B H		05,02
CCI XMIT DATA 30 H		01,13,14	CCI03 NO CIPA H		02,03	CCI05 NS 01T 0 L		05

NOTES:

1. THIS PAGE LISTS THE SCHEMATIC PAGE NUMBER(S) WHERE A SIGNAL NAME IS REFERENCED.

CCM CHANGE NO.

REV

DATE

ENG.

DATE

TITLE:

DRH: R. L. Hume

12-20-83

G. K. Hume

6-20-83

DATE

BOARD LAYOUT

13-JUN-83

SHEET

1

OF

1

DISK: C:\CMTEL\CC117A.DRW

118-JUN-83 09:03

NEXT HIGHER ASSEMBLY:

B-DD-L0009-0-0

FIRST USED ON OPTION/MODEL:

C1750

SIZE

CODE

CS

L0009-0-17

NUMBER

REV.

A

CCM FORWARD

REFERENCING

CCM CIPA

INTERFACE

8	7	6	5	4	3	2	1
<div>01-0-60007 53 3215</div>							
<div>D</div>							
<div>C</div>							
<div>V</div>							
<div>B</div>							
<div>A</div>							
<div>NOTES:</div> <div>1. THIS PAGE LISTS THE SCHEMATIC PAGE NUMBER(S) WHERE A SIGNAL NAME IS REFERENCED.</div>							
<div>CC105 NS BIT 1 L 05</div> <div>CC105 NS BIT 2 L 05</div> <div>CC105 NS BIT 3 L 04,05</div> <div>CC105 NS BIT 4 L 05</div> <div>CC105 RD ADDR OFFSET L 04,08,05</div> <div>CC105 RD RCV FILE HI L 09,11,05</div> <div>CC105 RD RCV FILE LO L 09,05</div> <div>CC105 RD RCV WD REG HI L 08,05</div> <div>CC105 RD RCV WD REG LO L 08,05</div> <div>CC105 RD RTH RD REG L 13,05</div> <div>CC105 RD XMIT FILE L 14,05</div> <div>CC105 SET REQUEST H 05,07</div> <div>CC105 WRT ADDR LO L 12,05</div> <div>CC105 WRT BYTE MASK L 12,05</div> <div>CC105 WRT CCI REG ENA H 14,05,13</div> <div>CC105 WRT CMDADDR HI L 12,14,05</div> <div>CC105 WRT ENA H 04,05</div> <div>CC105 WRT ENA STATUS L 10,05</div> <div>CC105 WRT PARITY ENA H 13,05</div> <div>CC105 WRT RCV WD REG L 08,05</div> <div>CC105 WRT RTN RD HI L 13,05</div> <div>CC105 WRT RTN RD LO L 13,05</div> <div>CC105 WRT XMIT FILE HI L 14,05</div> <div>CC105 WRT XMIT FILE LO L 14,05</div> <div>CC106 BG IH H 06</div> <div>CC106 BG OUT H 06</div> <div>CC106 BR H 06</div> <div>CC106 DO CMI MASTER H 06,05</div> <div>CC106 DO CMI MASTER L 04,06</div> <div>CC106 DO CMI XFER H 06,07</div> <div>CC106 GO AR0 H 05,06</div> <div>CC106 PULLUP C H 06,02,12,01,11,05,10,14,03</div> <div>CC106 VECTOR 06 H 06,02</div> <div>CC106 VECTOR 07 H 06,02</div> <div>CC106 WAIT H 06,05</div> <div>CC106 WAIT L 06</div> <div>CC107 A DONE H 07,11</div> <div>CC107 ASSERT RLTO H 10,07</div> <div>CC107 B DONE H 07,11</div> <div>CC107 CIPA XFER H 04,05,07</div> <div>CC107 CIPA XFER L 07</div> <div>CC107 CMDADDR 27 L 07</div> <div>CC107 CTO H 05,07</div> <div>CC107 DI PORT INT H 07,18</div> <div>CC107 GO H 06,07</div> <div>CC107 POSSIBLE GO H 07</div> <div>CC107 REQUEST H 04,07,11</div> <div>CC107 SET CTO L 18,07</div> <div>CC107 SYNC A GO H 07</div> <div>CC107 SYNC B GO H 07</div> <div>CC107 SYNC CE H 10,07</div> <div>CC107 SYNC DCLO H 07,03</div> <div>CC107 SYNC GRANT H 07</div> <div>CC107 SYNC T ACLO H 10,07</div> <div>CC107 SYNC T DCLO H 10,07</div> <div>CC108 RCV WD 00 H 08,09</div> <div>CC108 RCV WD 01 H 08,09</div> <div>CC108 RCV WD 02 H 08,09</div> <div>CC108 RCV WD 03 H 08,09</div> <div>CC108 RCV WD 04 H 08,09</div> <div>CC108 RCV WD 05 H 08,09</div> <div>CC108 RCV WD 06 H 08,09</div> <div>CC108 RCV WD 07 H 08,09</div> <div>CC108 RCV WD 08 H 09,00</div> <div>CC108 RCV WD 09 H 09,00</div> <div>CC108 RCV WD 10 H 09,00</div> <div>CC108 RCV WD 11 H 09,00</div> <div>CC108 RCV WD 12 H 08,09</div> <div>CC108 RCV WD 13 H 08,09</div> <div>CC108 RCV WD 14 H 08,09</div> <div>CC108 RCV WD 15 H 08,09</div> <div>CC108 RCV WD 16 H 09,00</div> <div>CC108 RCV WD 17 H 09,00</div> <div>CC108 RCV WD 18 H 09,00</div> <div>CC108 RCV WD 19 H 09,00</div> <div>CC108 RCV WD 20 H 09,00</div> <div>CC108 RCV WD 21 H 09,00</div> <div>CC108 RCV WD 22 H 09,00</div> <div>CC108 RCV WD 23 H 09,00</div> <div>CC108 RCV WD 24 H 09,00</div> <div>CC108 RCV WD 25 H 09,00</div> <div>CC108 RCV WD 26 H 09,00</div> <div>CC108 RCV WD 27 H 09,00</div> <div>CC108 RCV WD 28 H 09,00</div> <div>CC108 RCV WD 29 H 08,09</div> <div>CC108 RCV WD 30 H 08,09</div> <div>CC108 RCV WD 31 H 08,09</div> <div>CC109 EVEN PARITY H 11,09</div> <div>CC109 HI EVEN PAR H 09</div> <div>CC110 ACLO H 10,11</div> <div>CC110 B CLK H 10,05,06,07,13,03</div> <div>CC110 B CLK L 08,10,05,04,03,07,06,12</div> <div>CC110 CBPE H 32,10</div> <div>CC110 CLR ENA CE H 10,13</div> <div>CC110 CRO H 01,10</div> <div>CC110 CTO H 02,10</div> <div>CC110 DCLO H 11,18</div> <div>CC110 DCLO L 18,03</div> <div>CC110 DELAYED B CLK L 10,07,06,03,14</div> <div>CC110 DIAGNOSE H 02,05,10</div> <div>CC110 DIAGNOSE L 03,14,04,11,07,05,10</div> <div>CC110 NXH H 10,01</div> <div>CC110 PDN H 01,10</div> <div>CC110 PDN L 10</div> <div>CC110 PFD H 02,10</div> <div>CC110 PUP H 01,10</div> <div>CC110 RLTO H 18,01,11</div> <div>CC110 SET CRO L 10</div> <div>CC110 SET MSE H 11,10</div> <div>CC110 SET NXH L 10</div> <div>CC110 SET LCE L 10</div> <div>CC110 SYNC PORT INT H 06,18</div> <div>CC110 T ACLO H 02,10</div> <div>CC110 T DCLO H 02,10</div> <div>CC110 UBUSVA INIT L 10,06</div> <div>CC110 LCE H 10,01</div> <div>CC111 A GO H 11,07</div> <div>CC111 B GO H 11,07</div> <div>CC111 BUF CIPA DATA 00 H 11,13</div> <div>CC111 BUF CIPA DATA 01 H 11,13</div> <div>CC111 BUF CIPA DATA 02 H 11,13</div> <div>CC111 BUF CIPA DATA 03 H 11,13</div> <div>CC111 BUF CIPA DATA 04 H 11,13</div> <div>CC111 BUF CIPA DATA 05 H 11,13</div> <div>CC111 BUF CIPA DATA 06 H 11,13</div> <div>CC111 BUF CIPA DATA 07 H 11,13</div> <div>CC111 BUF CIPA DATA 08 H 11,13</div> <div>CC111 BUF CIPA DATA 09 H 11,13</div> <div>CC111 BUF CIPA DATA 10 H 11,13</div> <div>CC111 BUF CIPA DATA 11 H 11,13</div> <div>CC111 BUF CIPA DATA 12 H 11,13</div> <div>CC111 BUF CIPA DATA 13 H 11,13</div> <div>CC111 BUF CIPA DATA 14 H 11,13</div> <div>CC111 BUF CIPA DATA 15 H 11,13</div> <div>CC111 CIPA CLK F 05,11</div> <div>CC111 CIPA DCLO H 11,07</div> <div>CC111 CIPA ERROR H 11,07</div> <div>CC111 CIPA PARITY H 11,13</div> <div>CC111 CIPA REG SEL 0 H 11,05</div> <div>CC111 CIPA REG SEL 1 H 11,05</div> <div>CC111 CIPA REG SEL 2 H 11,05</div> <div>CC111 CIPA REG SEL 3 H 09,11,05</div> <div>CC111 CIPA UP H 11,03</div> <div>CC111 GRANT H 11,07</div> <div>CC111 PORT INT H 11,07</div> <div>CC111 T ACLO H 11,07</div> <div>CC111 T DCLO H 11,07</div> <div>CC112 CLR BYTE MASK L 12</div> <div>CC112 CMDADDR 02 H 02,12</div> <div>CC112 CMDADDR 03 H 02,12</div>							
<div>CC110 SET LCE L 10</div> <div>CC110 SYNC PORT INT H 06,18</div> <div>CC110 T ACLO H 02,10</div> <div>CC110 T DCLO H 02,10</div> <div>CC110 UBUSVA INIT L 10,06</div> <div>CC110 LCE H 10,01</div> <div>CC111 A GO H 11,07</div> <div>CC111 B GO H 11,07</div> <div>CC111 BUF CIPA DATA 00 H 11,13</div> <div>CC111 BUF CIPA DATA 01 H 11,13</div> <div>CC111 BUF CIPA DATA 02 H 11,13</div> <div>CC111 BUF CIPA DATA 03 H 11,13</div> <div>CC111 BUF CIPA DATA 04 H 11,13</div> <div>CC111 BUF CIPA DATA 05 H 11,13</div> <div>CC111 BUF CIPA DATA 06 H 11,13</div> <div>CC111 BUF CIPA DATA 07 H 11,13</div> <div>CC111 BUF CIPA DATA 08 H 11,13</div> <div>CC111 BUF CIPA DATA 09 H 11,13</div> <div>CC111 BUF CIPA DATA 10 H 11,13</div> <div>CC111 BUF CIPA DATA 11 H 11,13</div> <div>CC111 BUF CIPA DATA 12 H 11,13</div> <div>CC111 BUF CIPA DATA 13 H 11,13</div> <div>CC111 BUF CIPA DATA 14 H 11,13</div> <div>CC111 BUF CIPA DATA 15 H 11,13</div> <div>CC111 CIPA CLK F 05,11</div> <div>CC111 CIPA DCLO H 11,07</div> <div>CC111 CIPA ERROR H 11,07</div> <div>CC111 CIPA PARITY H 11,13</div> <div>CC111 CIPA REG SEL 0 H 11,05</div> <div>CC111 CIPA REG SEL 1 H 11,05</div> <div>CC111 CIPA REG SEL 2 H 11,05</div> <div>CC111 CIPA REG SEL 3 H 09,11,05</div> <div>CC111 CIPA UP H 11,03</div> <div>CC111 GRANT H 11,07</div> <div>CC111 PORT INT H 11,07</div> <div>CC111 T ACLO H 11,07</div> <div>CC111 T DCLO H 11,07</div> <div>CC112 CLR BYTE MASK L 12</div> <div>CC112 CMDADDR 02 H 02,12</div> <div>CC112 CMDADDR 03 H 02,12</div>							
<div>REVISIONS</div> <div>CHG CHANGE NO. REV</div> <div>DATE ENG. 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REVISIONS
CHK CHANGE NO. REV

DRH: R.H. HANDEL	DATE: 12-28-83	ENG: G. KOSKIS	DATE: 1-10-84	TITLE: CMI CIPA INTERFACE
CHK'D: R.H. HANDEL	DATE: 11-24-83	BOARD LOCATION: 1	OF: 1	REV: A
DSK81K-CMEL CCI18A.DPL113-JUN-83 09:03	NEXT HIGH-ER ASSEMBLY: B-DD-L0009-0-0	SIZE CODE: K ICS	NUMBER: L0009-0-18	
FIRST USED CH OPTION/MODEL: C1750				

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CCI12 LAST XFER H		12		CIPA DCLO L		11		CMI DATA 31 H		01		CMI DATA 31 H		01	
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CCI13 CIPA ERROR H		11,13		CIPA GRANT L		11		CMI HOLD L		06		CMI HOLD L		06	
CCI13 CIPA ERROR L		1		CIPA MIN L		11		CMI SLOT SEL 0 H		03,02		CMI SLOT SEL 0 H		03,02	
CCI13 LTCHD CIPA D 00 H		13,14,12		CIPA PARITY L		11		CMI SLOT SEL 1 H		03,02		CMI SLOT SEL 1 H		03,02	
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CCI13 LTCHD CIPA D 14 H		12,14,13		CMI ARB 7 L		06		UBUS 007 (A+1) H		06		UBUS 007 (A+1) H		06	
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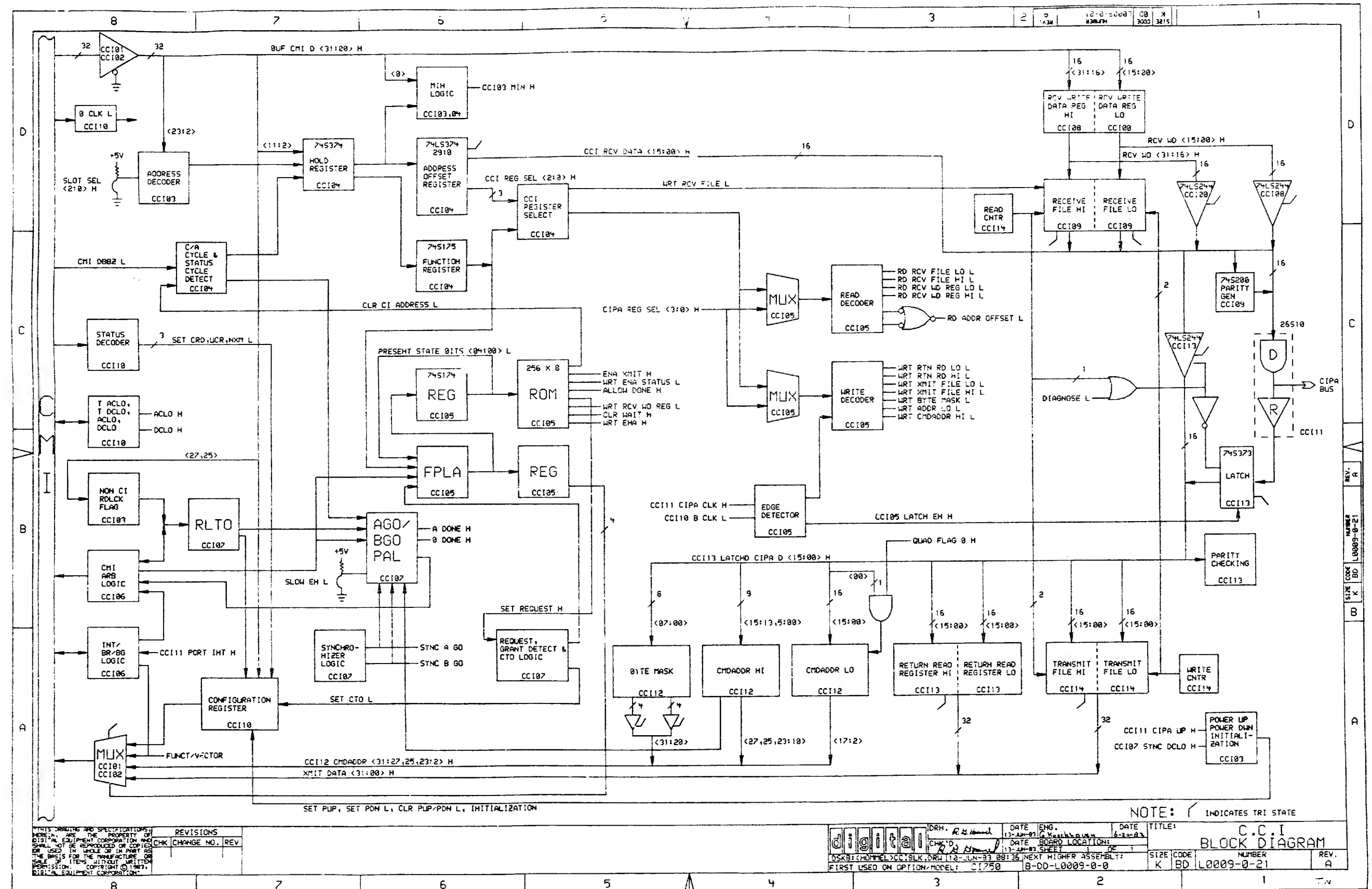
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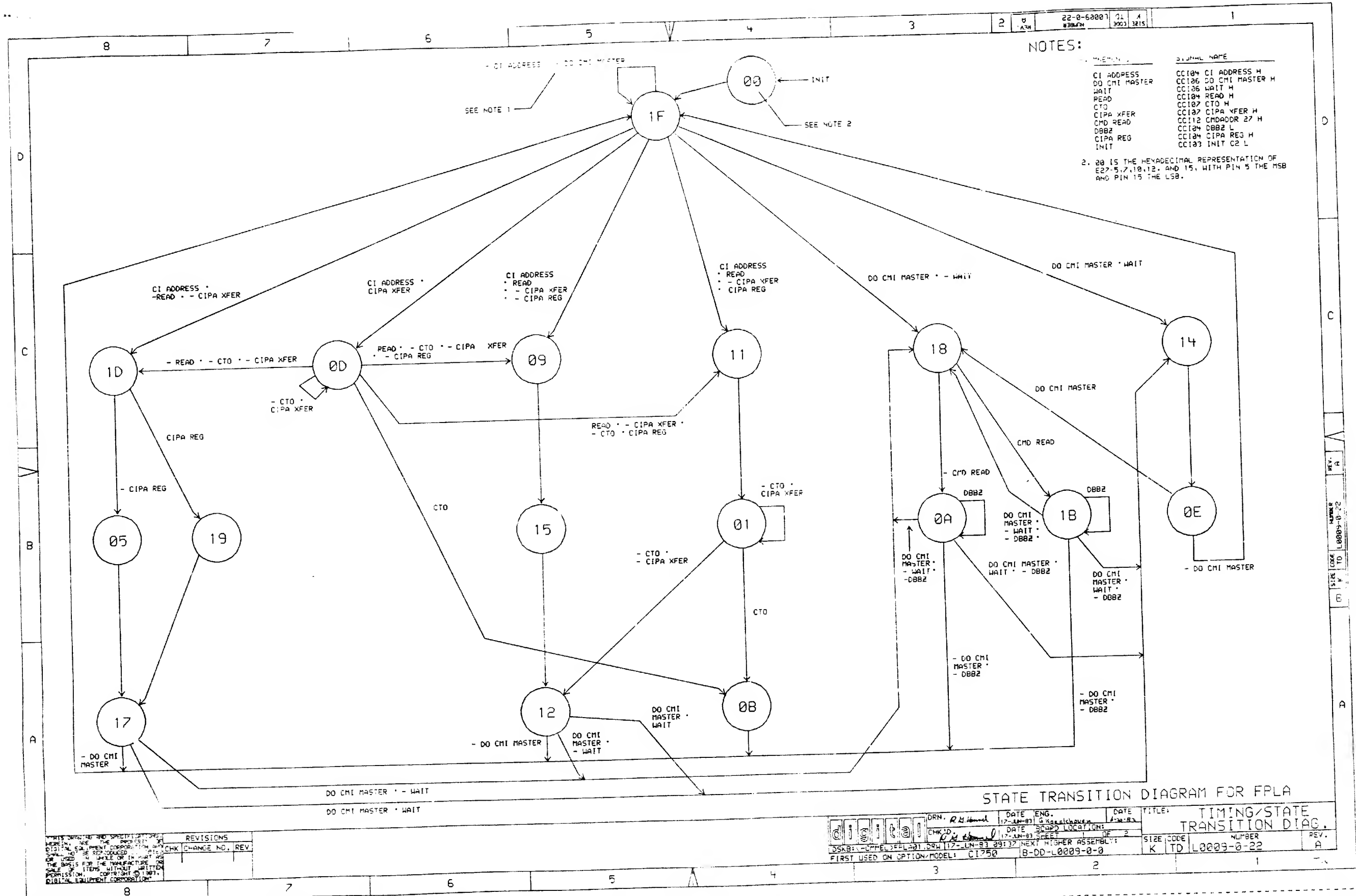
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-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	---------------------------------

digital	DRN	R414444	DATE	ENG.	DATE	TITLE:	CMI CIRA INTERFACE
	CHK'D	R414444	12-JUN-83	G. Koochaven	6-30-83		
FIRST USED ON OPTION: MODEL:			DATE		BOARD LOCATION:		
DSK9: C:\MEL\CC120A.DRW 12-JUN-83 09:03			12-JUN-83		SHEET		
NEXT HIGHER ASSEMBLY:			B-DD-L0009-A-8-0		SIZE:	T	REV. A
K			051L0009-A-20				



NOTES:

1. THE FOLLOWING IS A SUMMARY OF THE STATE TRANSITION DIAGRAM:
- | STATE | NAME            |
|-------|-----------------|
| 00    | CI ADDRESS H    |
| 01    | DO CHI MASTER H |
| 02    | CI ADDRESS H    |
| 03    | DO CHI MASTER H |
| 04    | CI ADDRESS H    |
| 05    | DO CHI MASTER H |
| 06    | CI ADDRESS H    |
| 07    | DO CHI MASTER H |
| 08    | CI ADDRESS H    |
| 09    | DO CHI MASTER H |
| 0A    | CI ADDRESS H    |
| 0B    | DO CHI MASTER H |
| 0C    | CI ADDRESS H    |
| 0D    | DO CHI MASTER H |
| 0E    | CI ADDRESS H    |
| 0F    | DO CHI MASTER H |
2. 00 IS THE HEXADECIMAL REPRESENTATION OF E27-5, 7, 10, 12, AND 15, WITH PIN 5 THE MSB AND PIN 15 THE LSB.



STATE TRANSITION DIAGRAM FOR FPLA

REVISIONS	
CHK	CHANGE NO. REV.

DATE	ENG.	DATE	FILE
17-AN-81	G. K. K. K.	17-AN-81	17-AN-81
DATE	BOARD LOCATION	DATE	BOARD LOCATION
17-AN-81	17-AN-81	17-AN-81	17-AN-81
DATE	HIGHER ASSEMBLY	DATE	HIGHER ASSEMBLY
17-AN-81	17-AN-81	17-AN-81	17-AN-81
FIRST USED ON OPTION/MODEL	CI 750	18-00-0000-0-0	18-00-0000-0-0

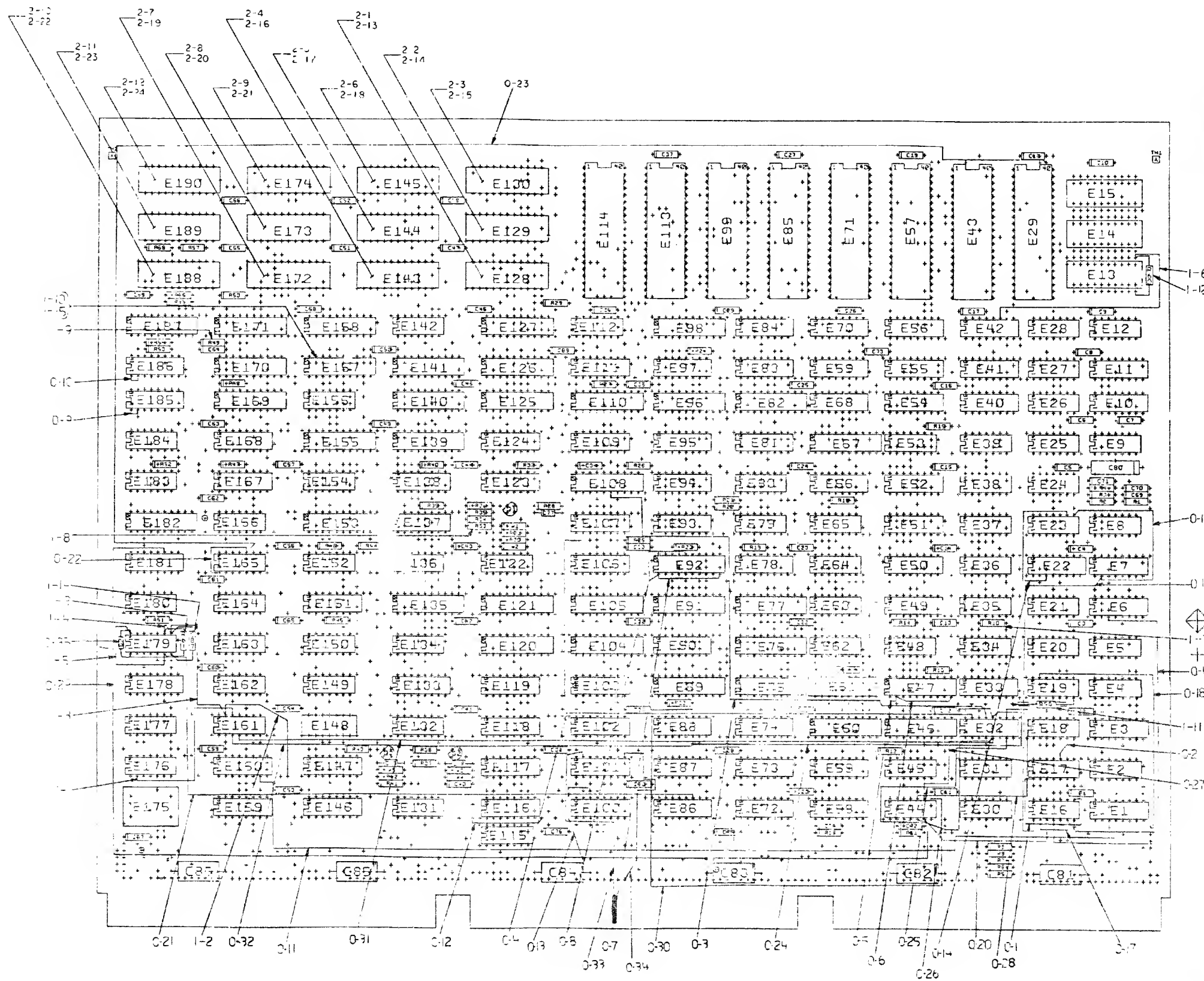






[illegible]

COMPONENT SIDE VIEW



DATE	10-1-77
DRAWN	J. TW
CHECKED	J. TW
DESIGNED	J. TW
PROD. ENG.	J. TW
SCALE	1:1
SHEET	1
TOTAL	1

digital

MODULE

CDP

LC400-C-0

1

NOTES

LOCATIONS ARE IN UNITS

STEP 1

STEP 2

STEP 3

STEP 4

STEP 5

STEP 6

STEP 7

STEP 8

STEP 9

STEP 10

STEP 11

STEP 12

STEP 13

STEP 14

STEP 15

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STEP 90

STEP 91

STEP 92

STEP 93

STEP 94

STEP 95

STEP 96

STEP 97

STEP 98

STEP 99

STEP 100

REWORK INSTRUCTIONS:

WIRE ADDS SIDE 1:

- 0-1 FROM E18-8 TO E17-1  
0-2 FROM E17-10 TO E18-6  
0-3 FROM E32-13 TO E108-6  
0-4 FROM E32-15 TO E107-2  
0-5 FROM E47-1 TO E47-2  
0-6 FROM E47-2 TO E47-10  
0-7 FROM E92-1 TO E92-10  
0-8 FROM E92-1 TO E92-16  
0-9 FROM E185-1 TO E185-2  
0-10 FROM E185-1 TO E185-2  
0-11 FROM E160-7 TO E1-4  
0-12 FROM PTH TWO TO THE LEFT OF E116-1 TO PTH TO THE RIGHT OF E116-8

- 0-13 FROM PTH ABOVE E100-14 TO PTH BELOW E100-2  
0-14 FROM E22-3 TO E23-9  
0-15 FROM E23-8 TO E7-2  
0-15 FROM E7-2 TO E16-1  
0-17 FROM E16-2 TO E16-7  
0-18 FROM E16-4 TO E19-13  
0-19 FROM E16-6 TO E6-3  
0-20 FROM E16-3 TO E44-6  
0-21 FROM E179-1 TO E86-11  
0-22 FROM E165-1 TO E165-10  
0-23 FROM E165-10 TO PTH BELOW RIGHT LEG OF C18  
0-24 FROM PTH BELOW E88-6 TO E32-12  
0-25 FROM E32-7 TO E44-4  
0-25 FROM E32-12 TO E44-5  
0-27 FROM E44-9 TO E32-5  
0-28 FROM E32-10 TO E44-10  
0-29 FROM E44-6 TO E181-11  
0-30 FROM E44-8 TO E88-11  
0-31 FROM E161-4 TO E32-5  
0-32 FROM E161-3 TO PTH BELOW E88-6  
0-33 FROM E101-15 TO B53  
0-34 FROM E101-9 TO PTH TWO BELOW E100-8

COMPONENT ADDS SIDE 1

- 0-35 ADD 11-00114-00 (D2) FROM E179-1 TO E179-14

LC-00 - TWOOI

WIFE ADDS SIDE 1:

- 1-1 FROM E176-2 TO E161-12  
1-2 FROM P4 TWO TO THE RIGHT OF E60-8 TO E61-13  
1-3 FROM E15-13 TO E173-5  
1-4 FROM E179-8 TO E179-9  
1-5 FROM E179-6 TO E179-4  
1-6 FROM E42-11 TO E13-11

COMPONENT DELETES SIDE 1:

- 1-7 DELETE R0  
1-8 DELETE R93  
1-9 DELETE R49  
1-C DELETE E157

COMPONENT ADDS SIDE 1.

- ```

1- ADD R0277-00 (R59) FROM E19-7 TO PTH BELOW
E19-8 WITH R0727-B-H (SLEEVING) A/R
1- ADD R0278-00 (R60) FROM E19-8 TO E19-H
1- ADD R0279-00 (R61) FROM E19-8 TO E19-9
1- ADD R0280-00 (C67) FROM E19-1 TO E19-8
1- ADD R0281-00 (E57)

```

REWORK INSTRUCTIONS FOR ECO-2

CONFIDENTIAL DELETES SIDE 1

- |      |        |      |     |             |
|------|--------|------|-----|-------------|
| 2-1  | DELETE | E183 | P/N | 19-15697-01 |
| 2-2  | DELETE | E189 | P/N | 19-15697-01 |
| 2-3  | DELETE | E190 | P/N | 19-15697-01 |
| 2-4  | DELETE | E183 | P/N | 19-15697-01 |
| 2-5  | DELETE | E144 | P/N | 19-15697-01 |
| 2-6  | DELETE | E145 | P/N | 19-15697-01 |
| 2-7  | DELETE | E172 | P/N | 19-15697-01 |
| 2-8  | DELETE | E173 | P/N | 19-15697-01 |
| 2-9  | DELETE | E174 | P/N | 19-15697-01 |
| 2-10 | DELETE | E188 | P/N | 19-15697-01 |
| 2-11 | DELETE | E189 | P/N | 19-15697-01 |
| 2-12 | DELETE | E190 | P/N | 19-15697-01 |

COMPONENT ADDS SIDE 1

- |      |     |             |    |      |
|------|-----|-------------|----|------|
| 2-13 | ADD | 21-21818-01 | AT | E128 |
| 2-14 | ADD | 21-21818-01 | AT | E129 |
| 2-15 | ADD | 21-21818-01 | AT | E130 |
| 2-16 | ADD | 21-21818-01 | AT | E143 |
| 2-17 | ADD | 21-21818-01 | AT | E144 |
| 2-18 | ADD | 21-21818-01 | AT | E145 |
| 2-19 | ADD | 21-21818-01 | AT | E172 |
| 2-20 | ADD | 21-21818-01 | AT | E173 |
| 2-21 | ADD | 21-21818-01 | AT | E174 |
| 2-22 | ADD | 21-21818-01 | AT | E183 |
| 2-23 | ADD | 21-21818-01 | AT | E189 |
| 2-24 | ADD | 21-21818-01 | AT | E190 |

| LINE ITEM FOR DOCUMENT |    |                  | PART NUMBER | MIN REV DESCRIPTION             | VARIATION REVISION LEVEL: | QTY PER VARIATION | REFERENCE DESIGNATOR             |
|------------------------|----|------------------|-------------|---------------------------------|---------------------------|-------------------|----------------------------------|
|                        |    |                  |             |                                 |                           | 00 C1             |                                  |
| 1                      | 1  | D-MD-5015550-0-0 | 5015550-00  | DRILL AND ETCH                  |                           | 0                 |                                  |
| 2                      | 43 |                  | 23054K5-00  | K5-01                           |                           | 1                 | E60                              |
| 3                      | 4  |                  | 1001610-00  | .01 MFD 50V +80-20% Z5U CER     |                           | 4                 | C77-C79,C87                      |
| 4                      | 80 |                  | 1004813-00  | 10 MFD 20V 10% S.TANT           |                           | 1                 | C80                              |
| 5                      | 2  |                  | 1012784-00  | .047 MFD 50V +80-20% CER        |                           | 72                | C1-C68,C70,C73,C75,C76           |
| 6                      | 3  |                  | 1013466-09  | 1000.0 MMF 50V 10% X7R CER      |                           | 4                 | C69,C71,C72,C74                  |
| 7                      | 81 |                  | 1017472-00  | 10 MFD 35V +75-10% AL EL        |                           | 6                 | C81-C86                          |
| 8                      | 5  |                  | 1114136-00  | LED 16MA 5V                     |                           | 1                 | D1                               |
| 9                      | 78 |                  | 1216988-02  | HANDLE,MODULE,HEX TWO EJECTORS  |                           | 1                 |                                  |
| 10                     | 73 |                  | 1300229-00  | 100.0 .25 W 5.0 % CF            |                           | 4                 | R13,R23,R22,R55                  |
| 11                     | 76 |                  | 1300309-00  | 390.0 .25 W 5.0 % CF            |                           | 2                 | R11,R16                          |
| 12                     | 63 |                  | 1300316-00  | 470.0 .25 W 5.0 % CF            |                           | 1                 | R29                              |
| 13                     | 64 |                  | 1300365-00  | 1.0 K .25 W 5.0 % CF            |                           | 17                | R6-R9,R14,R18,R19,R24,R27,R35,   |
|                        |    |                  |             |                                 |                           |                   | R44,R46,R47,R50,R51,R17,R61      |
| 14                     | 72 |                  | 1300197-00  | 33.0 .25 W 5.0 % CF             |                           | 11                | R15,R20,R21,R25,R26,R28,R32,R39, |
|                        |    |                  |             |                                 |                           |                   | R40,R52,R56                      |
| 15                     | 67 |                  | 1302298-00  | 261.0 K .25 W 1.0 % RN55C-F 5   |                           | 1                 | R4                               |
| 16                     | 68 |                  | 1302379-00  | 75.0 .25 W 5.0 % CF             |                           | 1                 | R12                              |
| 17                     | 70 |                  | 1302858-00  | 100.0 .25 W 1.0 % RN55D-F10     |                           | 4                 | R57,R53,R31,R42                  |
| 18                     | 69 |                  | 1303064-00  | 75.0 .25 W 1.0 % RN55D-F10      |                           | 7                 | R5,R34,R36,R37,R38,R43,R48       |
| 19                     | 65 |                  | 1304839-00  | 51.0 K .25 W 5.0 % CF           |                           | 2                 | R2,R3                            |
| 20                     | 71 |                  | 1304857-00  | 237.0 .25 W 1.0 % RN55D-F10     |                           | 2                 | R58,R54                          |
| 21                     | 52 |                  | 1312528-00  | R NETWORK 14-176.5 14-375 16PIN |                           | 3                 | E86,E100,E116                    |
| 22                     | 75 |                  | 1316836-0   | 402.0 .25 W 1.0 % RN55D-F10     |                           | 2                 | R30,R41                          |
| 23                     | 66 |                  | 1318150-13  | 53.60 K .25 W 1.0 % RN55D-F10   |                           | 1                 | R1                               |
| 24                     | 77 |                  | 1503121-0   | 2N 2369 NPN 350MW SI N          |                           | 3                 | Q1,Q2,Q3                         |
| 25                     | 58 |                  | 1616653-1   | DELAY= 100NS,10TAPS WITH TTLBU  |                           | 1                 | E148                             |
| 26                     | 60 |                  | 1811660-    | OSCILLATOR, XTAL 20.000 MHZ     |                           | 1                 | E175                             |
| 27                     | 21 |                  | 1910532-L0  | 74S00 NAND GATE-QUAD 2IN        |                           | 4                 | E20,E64,E80,E163                 |
| 28                     | 23 |                  | 1910534-00  | 74S04 INVERTER GATE-HEX 1I      |                           | 4                 | E23,E35,E161,E162                |

| REVISION HISTORY |             |     | BASIC PART NO: L0400    |  | DRN:             | S.MANSOR      | DATE: 14-JUL-83      | D I G I T A L           |            |             |        |
|------------------|-------------|-----|-------------------------|--|------------------|---------------|----------------------|-------------------------|------------|-------------|--------|
| ENG              | ECO NUMBER  | REV | SECTION A OF A          |  |                  |               |                      | TITLE PARTS LIST        |            |             |        |
|                  | INITIAL     | A   | SECTION VARIATION INDEX |  | CHK'D:           | E.T.GERRY     | DATE: 11-17-82       | C.O.P. MODULE           |            |             |        |
| RE               | L0400-TW001 | B   | (A) 00                  |  |                  |               |                      |                         |            |             |        |
| RE               | L0400-TW002 | C   | (B)                     |  | DES.ENG:         | G.KOECKHOVEN  | DATE: 27-JUN-83      | DOCUMENT NUMBER         |            |             |        |
|                  |             |     | (C)                     |  |                  |               |                      | SIZE                    | CODE       | NUMBER      | REV    |
|                  |             |     | (D)                     |  |                  |               |                      |                         |            |             |        |
|                  |             |     | (E)                     |  | RESP.ENG.:       | J COYLE       | DATE: 11-17-82       | K                       | PL         | L0400-0-DBP | C      |
|                  |             |     | (F)                     |  |                  |               |                      |                         |            |             |        |
|                  |             |     | (H)                     |  |                  |               |                      |                         |            |             |        |
|                  |             |     | (J)                     |  | MFG.ENG.:        | BARRY NEWMANN | DATE: 27-JUN-83      | RELEASE DATE: 25-JAN-85 |            |             |        |
|                  |             |     | (K)                     |  |                  |               |                      |                         |            |             |        |
|                  |             |     | (L)                     |  |                  |               |                      |                         |            |             |        |
|                  |             |     | (M)                     |  |                  |               |                      |                         |            |             |        |
|                  |             |     | (N)                     |  |                  |               |                      |                         |            |             |        |
|                  |             |     |                         |  | ASSEMBLY NUMBER: |               | TOP DOCUMENT NUMBER: |                         | FILE NAME: |             | EDIT # |
|                  |             |     |                         |  | E-UA-L0400-0-0   |               | B-DD-L0400-0-0       |                         | Z3934C.PLS |             | 17     |

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## P A R T S   L I S T

SHEET A2 OF A3

| LINE ITEM |    | TOP DOCUMENT | PART NUMBER | MIN REV | DESCRIPTION                 | QTY                       | PER VARIATION | REFERENCE DESIGNATOR            |
|-----------|----|--------------|-------------|---------|-----------------------------|---------------------------|---------------|---------------------------------|
|           |    |              |             |         |                             | 00                        |               |                                 |
|           |    |              |             |         |                             | C1                        |               |                                 |
|           |    |              |             |         |                             | VARIATION REVISION LEVEL: |               |                                 |
| 29        | 25 |              | 1910536-00  |         | 74S10 NAND GATE-TRIPLE 3IN  | 1                         |               | E27                             |
| 30        | 10 |              | 1910537-00  |         | 74S11 AND GATE-TRIPLE 3INP  | 4                         |               | E5,E36,E38,E45                  |
| 31        | 9  |              | 1910539-00  |         | 74S20 NAND GATE-DUAL 4INPU  | 1                         |               | E4                              |
| 32        | 31 |              | 1910542-00  |         | 74S64 A-O-I GATE 4-2-3-2    | 4                         |               | E37,E142,E183,E184              |
| 33        | 18 |              | 1910544-00  |         | 74S74 FF-D DUAL,EDGE TRIGG  | 5                         |               | E16,E18,E30,E149,E152           |
| 34        | 57 |              | 1910545-00  |         | 74S112 FF-JK DUAL,EDGE TRIG | 1                         |               | E147                            |
| 35        | 51 |              | 1910547-00  |         | 74S153 MUX 1 OF 4 (DUAL)    | 5                         |               | E83,E93,E94,E123,E138           |
| 36        | 61 |              | 1910549-00  |         | 74S158 MUX 1 OF 2 (QUAD)    | 1                         |               | E178                            |
| 37        | 29 |              | 1910550-00  |         | 74S174 FF-D HEX             | 7                         |               | E33,E59,E90,E106,E119,E124,E137 |
| 38        | 32 |              | 1910552-00  |         | 74S194 SHIFT REG.,48IT RIGH | 3                         |               | E40,E42,E78                     |
| 39        | 33 |              | 1910956-00  |         | 74S151 MUX 1 OF 8           | 2                         |               | E41,E52                         |
| 40        | 37 |              | 1910957-00  |         | 74S175 FF-D QUAD COMMON CLO | 3                         |               | E50,E160,E167                   |
| 41        | 55 |              | 1911573-00  |         | 74S280 PARITY GEN/CHKR,98IT | 5                         |               | E112,E134,E136,E154,E156        |
| 42        | 49 |              | 1911641-00  | SN      | 74S257 MUX,QUAD 2 TO 1      | 4                         |               | E81,E95,E107,E109               |
| 43        | 8  |              | 1911675-00  |         | 74S138 DECODER/DEMUX 3-8 LI | 2                         |               | E3,E133                         |
| 44        | 59 |              | 1911676-00  |         | 74S139 DECODER-DUAL TWO-INP | 2                         |               | E151,E159                       |
| 45        | 19 |              | 1911712-00  |         | 74S51 AND-OR GATE-INVERT D  | 3                         |               | E17,E24,E176                    |
| 46        | 40 |              | 1912089-00  |         | 74S85 CMPRTR-48IT MAGNITUD  | 1                         |               | E55                             |
| 47        | 27 |              | 1912096-00  | DEC     | 74S86 XOR GATE,QUAD 2IN     | 2                         |               | E31,E177                        |
| 48        | 41 |              | 1912097-00  | SN      | 74S182 LOOK AHD CARRY GEN   | 3                         |               | E56,E70,E84                     |
| 49        | 17 |              | 1912388-00  |         | 74S02 NOR GATE-QUAD 2IN,PO  | 4                         |               | E12,E39,E48,E180                |
| 50        | 7  |              | 1912389-00  |         | 74S08 AND GATE-QUAD 2IN,PO  | 3                         |               | E2,E21,E65                      |
| 51        | 16 |              | 1912646-00  |         | LS253 MUX 1 OF 4 (DUAL)     | 1                         |               | E11                             |
| 52        | 15 |              | 1912697-00  |         | LS174 FF-D HEX W/CLEAR      | 1                         |               | E10                             |
| 53        | 38 |              | 1912728-00  |         | 74S251 MUX 1 OF 8 TRI-STA   | 3                         |               | E51,E97,E111                    |
| 54        | 30 |              | 1912746-00  | DEC     | 74S37 NAND GATE-QUAD 2IN    | 4                         |               | E34,E115,E131,E150              |
| 55        | 45 |              | 1912805-00  |         | LS08 AND GATE-QUAD 2IN,PO   | 2                         |               | E63,E132                        |
| 56        | 24 |              | 1912813-00  |         | LS27 NOR GATE-TRIPLE 3IN    | 1                         |               | E26                             |
| 57        | 20 |              | 1912824-00  |         | LS74 FF-D DUAL,EDGE TRIGG   | 3                         |               | E19,E25,E62                     |
| 58        | 11 |              | 1912828-00  |         | LS85 COMPARATOR,48IT MAGN   | 1                         |               | E6                              |
| 59        | 6  |              | 1912833-00  |         | LS109 FF-JK DUAL,POS EDGE   | 6                         |               | E1,E49,E66,E88,E168,E181        |
| 60        | 34 |              | 1912838-00  |         | LS132 NAND GATE-QUAD 2IN P  | 1                         |               | E44                             |
| 61        | 12 |              | 1912849-00  |         | LS161 COUNTER,SYNCHR,4BIT   | 1                         |               | E7                              |
| 62        | 28 |              | 1912853-00  |         | LS175 FF-D QUAD             | 1                         |               | E32                             |
| 63        | 39 |              | 1912860-00  |         | LS259 LATCH 8BIT            | 1                         |               | E54                             |
| 64        | 54 |              | 1912863-00  |         | LS273 FF-D OCTAL W/CLEAR    | 3                         |               | E108,E182,E187                  |
| 65        | 26 |              | 1913245-02  |         | 2901A-1 MICROPRESCCESSOR 4- | 8                         |               | E29,E43,E57,E71,E85,E99,E113,   |
|           |    |              |             |         |                             |                           |               | CONT E114                       |
| 66        | 13 |              | 1913340-00  |         | 74S32 OR GATE-QUAD 2IN      | 5                         |               | E8,E28,E53,E79,E122             |
| 67        | 50 |              | 1913493-00  |         | 74S241 OCTAL BUFFER,TRI-STA | 5                         |               | E82,E96,E98,E125,E126           |
| 68        | 62 |              | 1913662-01  |         | RAM 1KX1 16 PIN TT          | 2                         |               | E185,E186                       |
| 69        | 53 |              | 1913670-00  |         | 74S373 LATCH,8BIT TRANS TRI | 4                         |               | E89,E110,E127,E171              |
| 70        | 35 |              | 1913671-00  |         | 74S374 FF-D,OCTAL,TRI STATE | 8                         |               | E77,E91,E104,E105,E135,E153,    |
|           |    |              |             |         |                             |                           |               | CONT E155,E158                  |
| 71        | 42 |              | 1913788-00  |         | 26S10 TRANSCEIVER,BUS,QUA   | 10                        |               | E58,E72,E73,E74,E87,E101,E102,  |
|           |    |              |             |         |                             |                           |               | CONT E103,E117,E118             |
| 72        | 47 |              | 1914082-00  |         | 74S163 COUNTER,SYNCH UP/DOW | 3                         |               | E68,E69,E146                    |
| 73        | 48 |              | 1914214-00  |         | LS374 FF-D OCTAL EDGE TRIG  | 8                         |               | E75,E76,E120,E121,E139,E140,    |

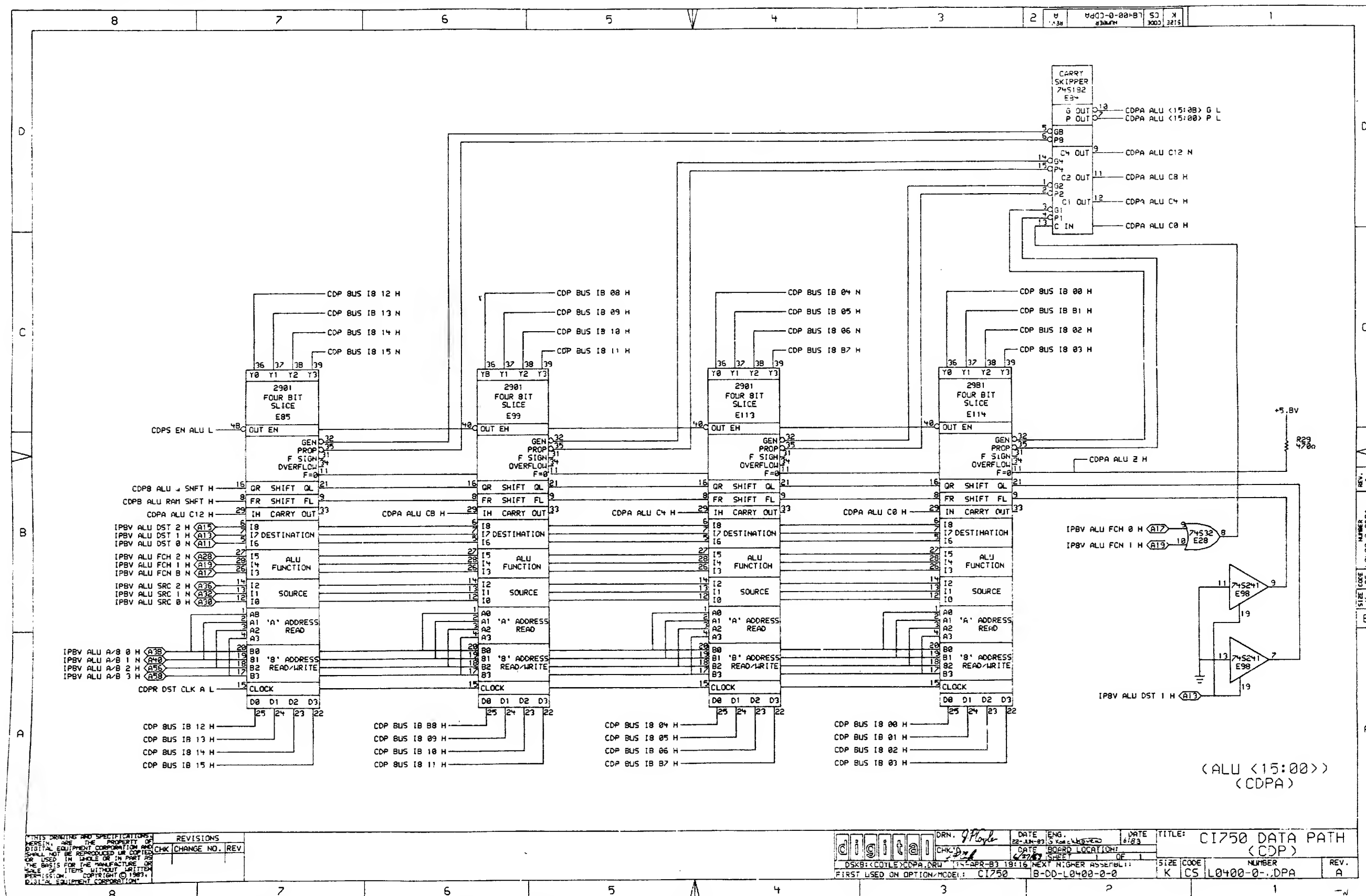
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|---------------|--|-------|--|---------------|--|----------------|--|------|------|-----------------|-----|
| D I G I T A L |  | TITLE |  | C.D.P. MODULE |  | SECTION A OF A |  | SIZE | CODE | DOCUMENT NUMBER | REV |
|               |  |       |  |               |  |                |  | K    | PL   | L0400-0-D8P     | C   |



| LINE                      | ITEM | TOP DOCUMENT | PART NUMBER | MIN REV | DESCRIPTION                      | QTY | PER VARIATION | REFERENCE DESIGNATOR                |
|---------------------------|------|--------------|-------------|---------|----------------------------------|-----|---------------|-------------------------------------|
| VARIATION REVISION LEVEL: |      |              |             |         |                                  | 00  |               |                                     |
|                           |      |              |             |         |                                  | 01  |               |                                     |
| 74                        | 14   |              | 1914392-00  |         | 556 TIMER-DUAL                   | 1   |               | CONT E141,E169                      |
| 75                        | 46   |              | 1915193-00  |         | LS244 DRIVER,LINE,OCTAL,TR       | 2   |               | E9                                  |
| 76                        | 22   |              | 1915234-00  |         | LS390 COUNTER,DECADE,DUAL,       | 1   |               | E67,E170                            |
| 77                        | 56   |              | 2121818-01  |         | MOS STATIC RAM 256X4 SEPARATE I/ | 12  |               | E22                                 |
| 78                        | 36   |              | 23094B1-00  |         | B1-01                            | 1   |               | CONT E128,E129,E130,E143,E144,E145, |
| 79                        | 44   |              | 23E12F1-00  |         | F1-01                            | 1   |               | E172,E173,E174,E188,E189,E190       |
| 80                        | 79   |              | 9000024-01  |         | EYELET,ROLLED 0.1210DX0.192      | 12  |               | E47                                 |
| 81                        | 74   |              | 9009185-00  |         | JUMPER, WIRE, INSULATED, BLACK B | 3   |               | E61                                 |
| 82                        | 82   |              | 1215006-03  |         | SKT,IC 18PIN DIP TIN SOLD        | 1   |               | W1,R45,W5                           |
| 83                        | 83   |              | 1215006-04  |         | SKT,IC 20PIN DIP TIN SOLD        | 3   |               | XE61                                |
| 84                        | 84   |              | 1910544-01  |         | 74S74-60GG-D DUAL,EDGE TRIG      | 1   |               | XE47,XE92,XE60                      |
| 85                        | 85   |              | 1100114-00  |         | PIV= 25 IC=135 MA                | 1   |               | E165                                |
| 86                        | 86   |              | 9105740-55  |         | WIRE(WRAP) 30AWG KYNAR UL14      | 1   |               | D2                                  |
| 87                        | 87   |              | 23095B1-00  |         | B1-01                            | 1   |               | E92                                 |
| 88                        | 88   |              | 1913671-50  |         | 74S374 FF-D,OCTAL,TRI STATE      | 1   |               | E46                                 |
| 89                        | 89   |              | 9107278-11  |         | TUBING,TEFLON .042ID             | A/R |               |                                     |
| 90                        | 90   |              | 1302377-00  |         | 39.0 .25 W 5.0 % CF              | 2   |               | R59,R60                             |
| 91                        | 91   |              | 1913670-01  |         | DM 74S373N LATCH,8BIT TRANS      | 1   |               | E157                                |

|         |  |               |                |  |      |      |                 |     |
|---------|--|---------------|----------------|--|------|------|-----------------|-----|
| DIGITAL |  | TITLE         | SECTION A OF A |  | SIZE | CODE | DOCUMENT NUMBER | REV |
|         |  | C.D.P. MODULE |                |  | K    | PL   | L0400-0-D8P     | C   |

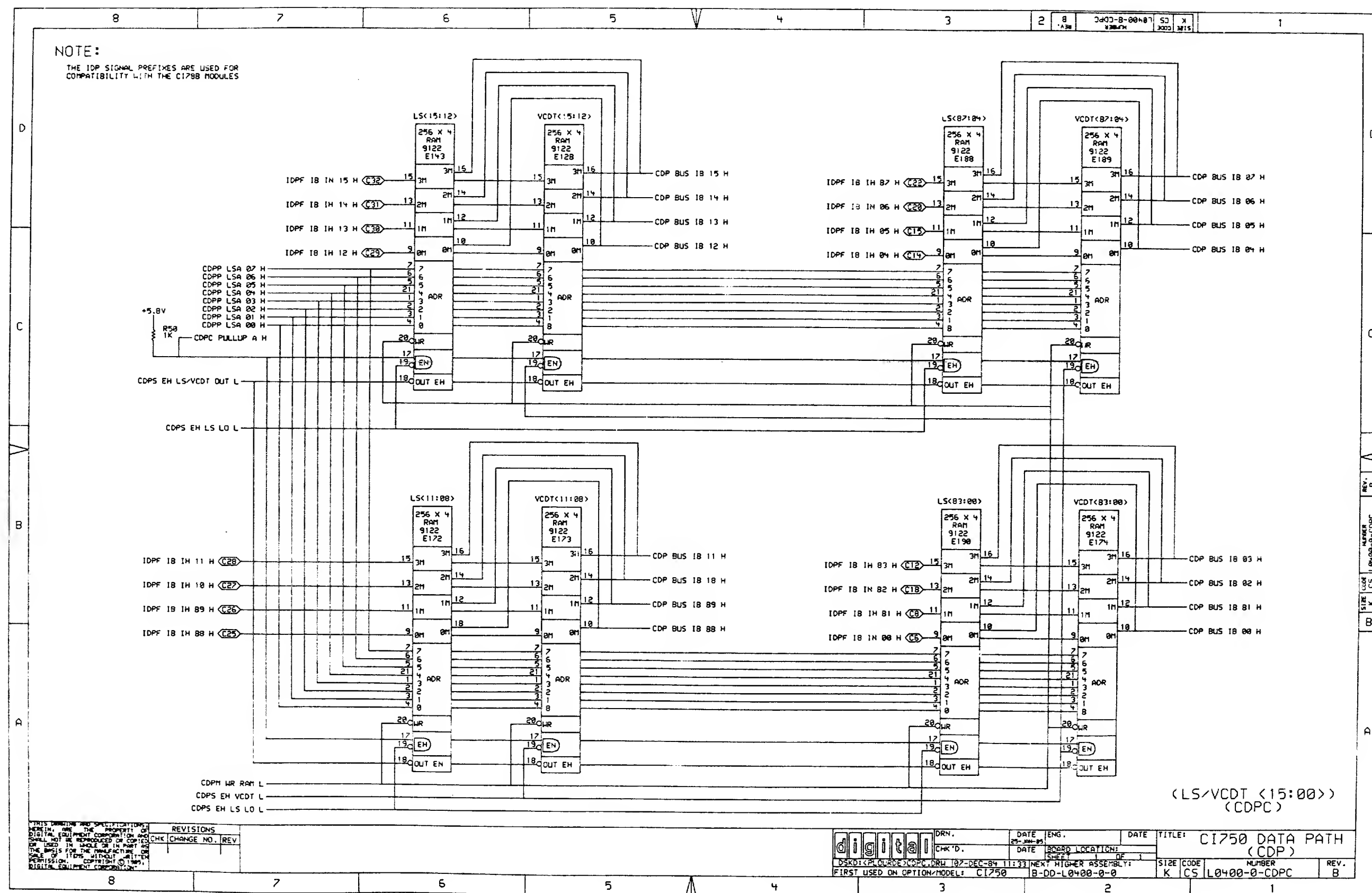




| REVISIONS | CHK | CHANGE NO. | REV |
|-----------|-----|------------|-----|
| 1         |     |            |     |

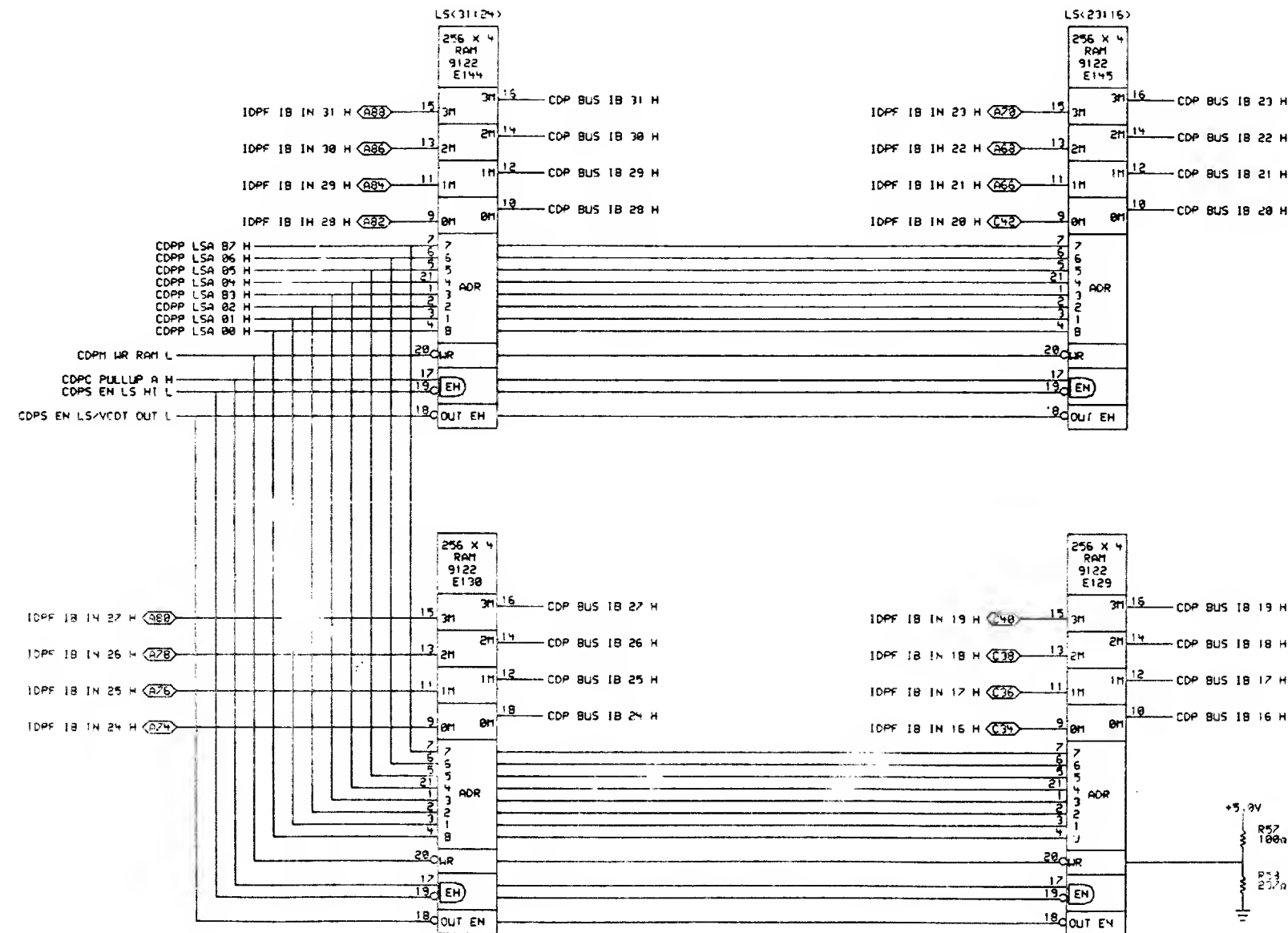
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| digital                 | DRN. 9/8/83     | DATE ENG. 22-APR-83                  | DATE BOARD LOCATION 6/83 | DATE 6/83        | TITLE: CI750 DATA PATH (CDP) |
| DSKB: <COYLE>CDPA.DPL.1 | 11-APR-83 18:16 | NEXT HIGHER ASSEMBLY: B-DD-L0400-0-0 | SIZE CODE K CS           | NUMBER L0400-0-0 | REV. A                       |





NOTE:

THE IOP SIGNAL PREFIXES ARE USED FOR  
COMPATIBILITY WITH THE C1750 MODULES



(LS <31:16>)  
(CDPD)

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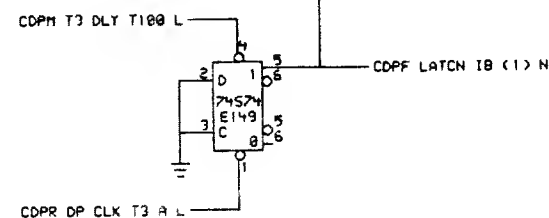
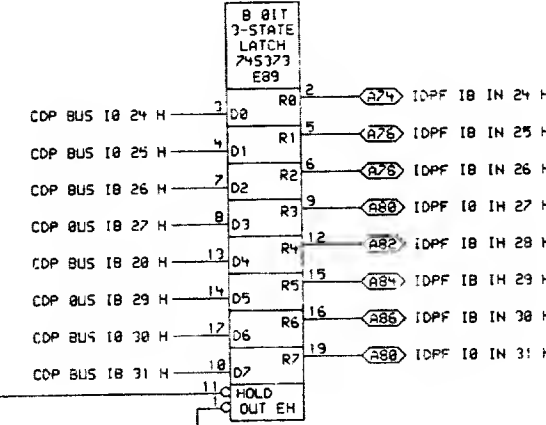
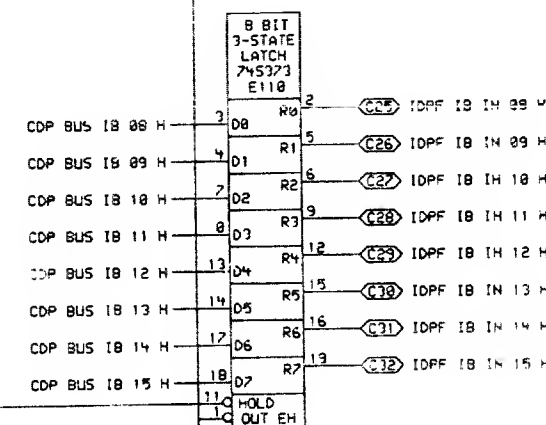
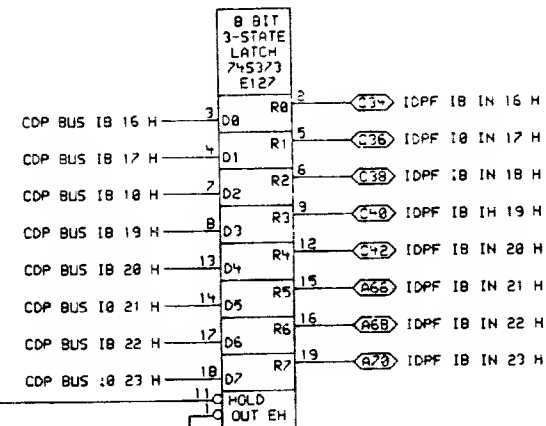
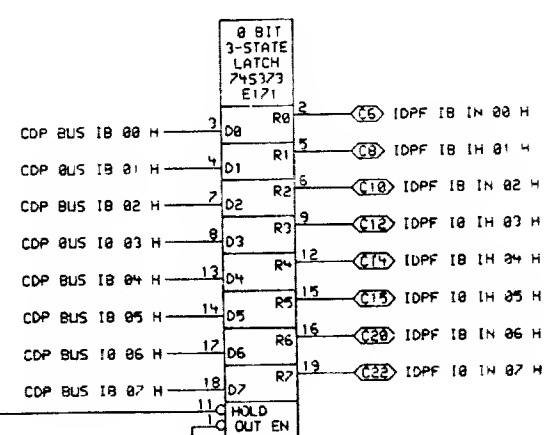
| REVISIONS |                |
|-----------|----------------|
| CHK       | CHANGE NO. REV |
|           |                |

|                                   |        |                |                 |                   |                               |        |
|-----------------------------------|--------|----------------|-----------------|-------------------|-------------------------------|--------|
| digital                           | DRN.   | DATE           | ENG.            | DATE              | TITLE: C1750 DATA PATH (CDPD) |        |
|                                   | CHK'D. | DATE           | BOARD LOCATION: | OF                | SIZE                          | CODE   |
| FIRST USED ON OPTION/MODEL: C1750 |        | B-DD-L0400-0-0 |                 | K CS L0400-0-CDPD |                               | REV. B |



NOTE:

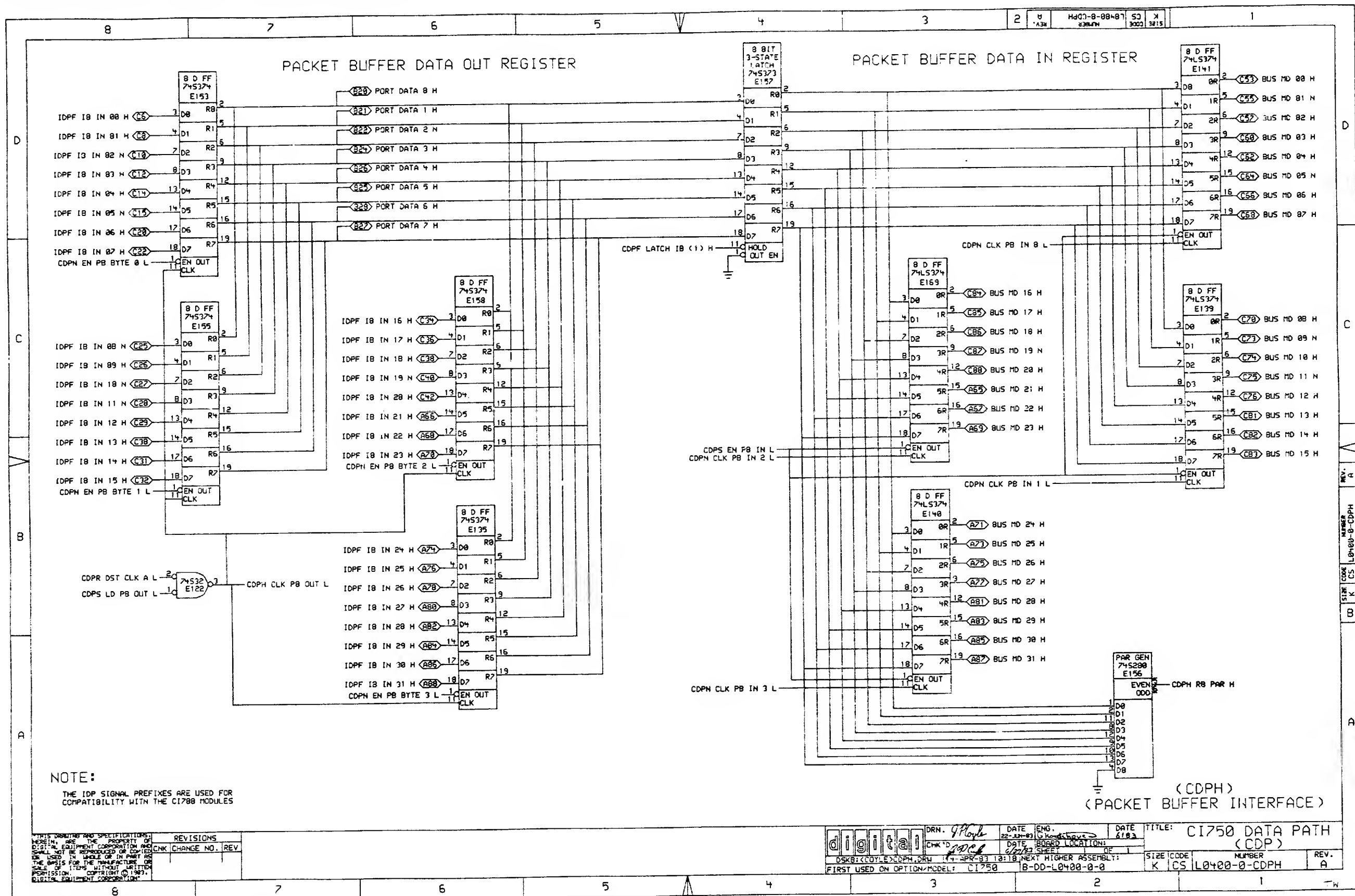
THE IDP SIGNAL PREFIXES ARE USED FOR COMPATIBILITY WITH THE CI780 MODULES

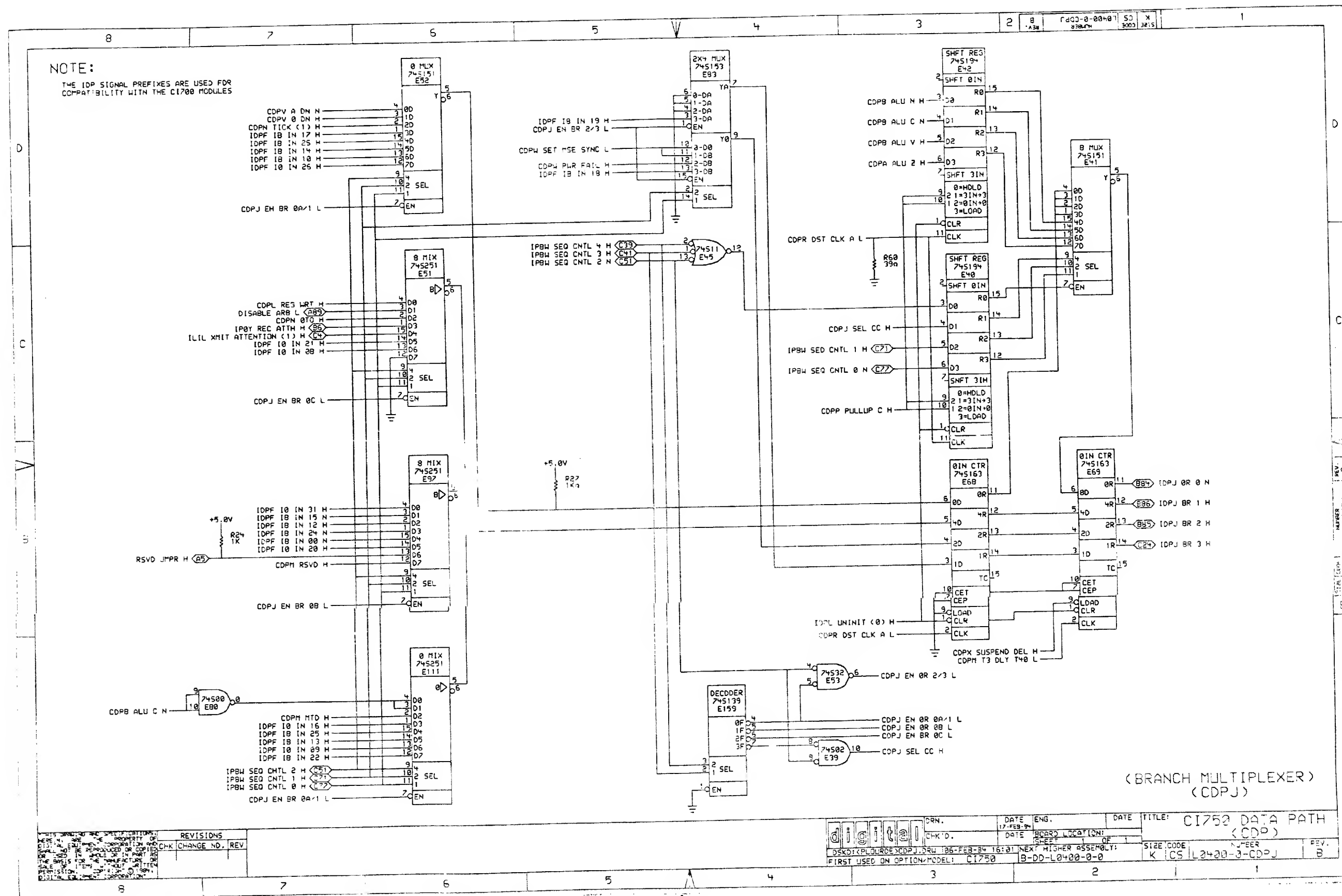


(BUS IB BUFFERS)  
(CDPF)

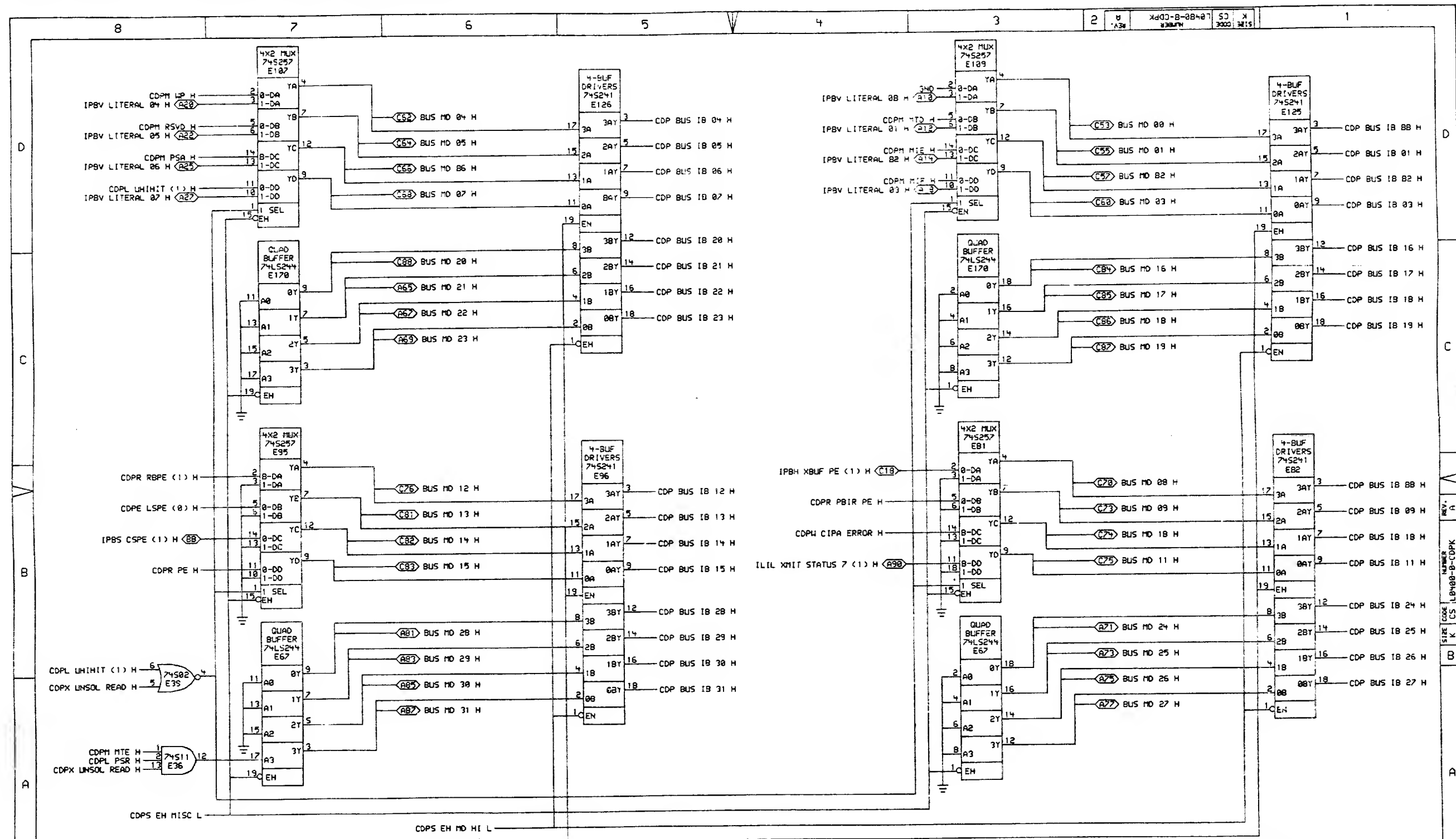
| REV. | CHG. | NO. | REV. |
|------|------|-----|------|
|      |      |     |      |

|                                                                            |              |                           |           |                              |
|----------------------------------------------------------------------------|--------------|---------------------------|-----------|------------------------------|
| digital                                                                    | DRH. 9/8/83  | DATE ENG. 22-JUN-83       | DATE 6/83 | TITLE: CI750 DATA PATH (CDP) |
|                                                                            | CHK'D 9/8/83 | DATE BOARD LOCATION: 6/83 | DATE 6/83 | SIZE CODE: K                 |
| DSK8:COYLE:CDPF.DRW 114-APR-83 10:19 NEXT HIGHER ASSEMBLY: 18-00-L0400-0-0 |              |                           | NUMBER 1  | REV. A                       |







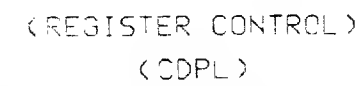


(CDPK)  
(PMCSR/LITERAL DATA MUX)

| REVISIONS | CHK | CHANGE NO. | REV |
|-----------|-----|------------|-----|
| 1         |     |            |     |

|                                                                            |              |                |            |            |                              |
|----------------------------------------------------------------------------|--------------|----------------|------------|------------|------------------------------|
| digital                                                                    | DRN. 946     | DATE 22-JUN-83 | ENG. G. K. | DATE 6/83  | TITLE: C1750 DATA PATH (CDP) |
|                                                                            | CHK'D. 10/83 | DATE 10/83     | DATE 10/83 | DATE 10/83 | DATE 10/83                   |
| DSK9:COYLE\CDPK.DRW 114-APR-83 13:18 NEXT HIGHER ASSEMBLY: 18-DD-L0400-0-0 |              |                |            |            | SIZE CODE K CS L0400-0-0     |
| FIRST USED ON OPTION MODEL: C1750                                          |              |                |            |            | REV. A                       |

THE IDP SIGNAL PREFIXES ARE USED FOR  
COMPATIBILITY WITH THE C1780 MODULES

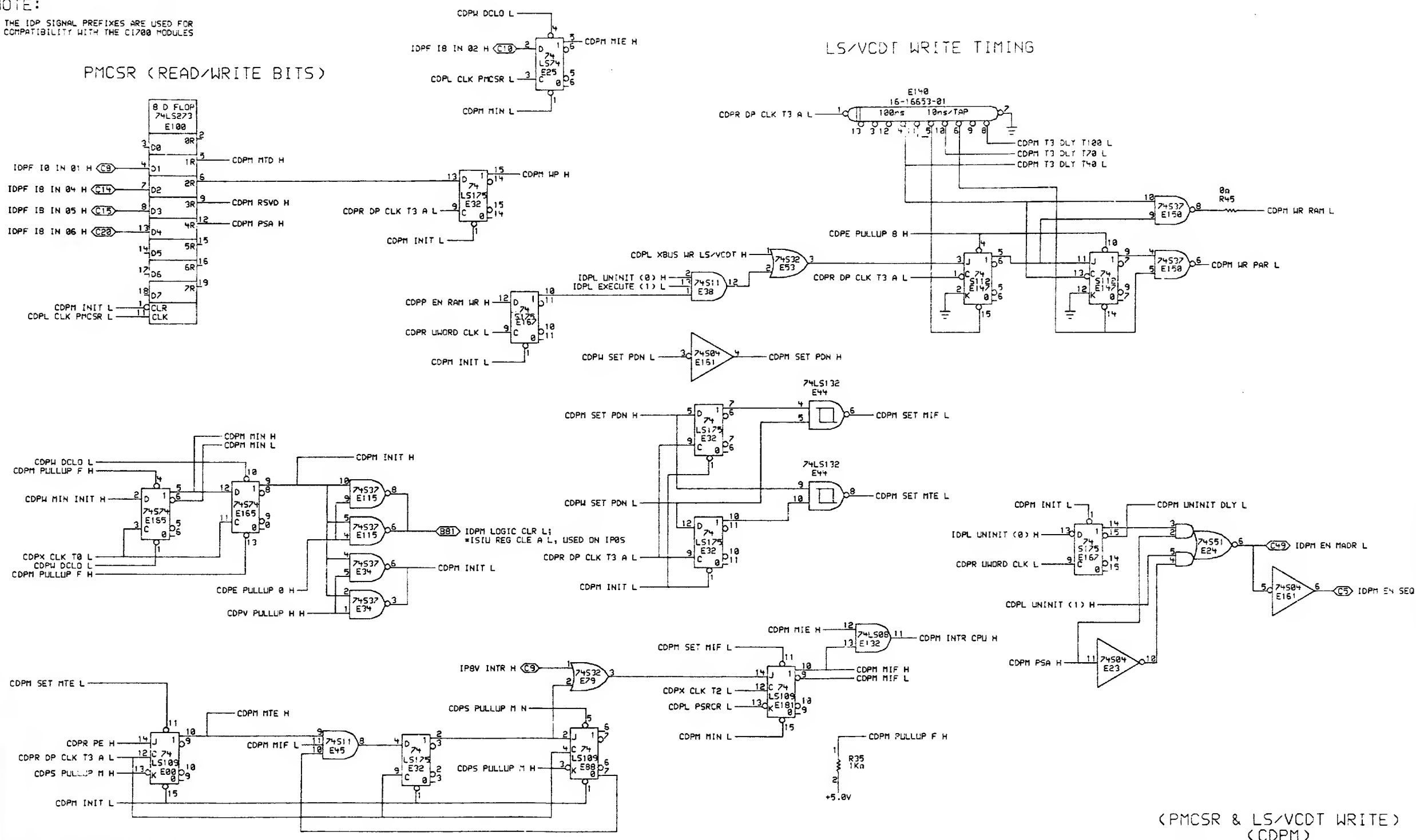


|                                                               |  |               |                |                  |       |                        |
|---------------------------------------------------------------|--|---------------|----------------|------------------|-------|------------------------|
| CIRCUIT                                                       |  | DRN.          | DATE           | ENG.             | DATE  | TITLE: C1750 DATA PATH |
| CHK'D.                                                        |  |               | 17-FEB-84      |                  |       |                        |
|                                                               |  | DATE          | BOARD LOCATION |                  | <CDP> |                        |
|                                                               |  |               |                |                  |       |                        |
| OSKOKA COURTESY CDR. PRW 06-FEB-84 15128 NEXT HIGHER ASSEMBLY |  |               |                | FIELD CODE       |       | NO. REP                |
| FIRST USED ON OPTION/MODEL: C1750                             |  | B-D-00-20-2-2 |                | < 05 L2-20-2-CDP |       | REV. B                 |

THE IDP SIGNAL PREFIXES ARE USED FOR  
COMPATIBILITY WITH THE CI700 MODULES

8 D FLOP  
74LS273  
E100

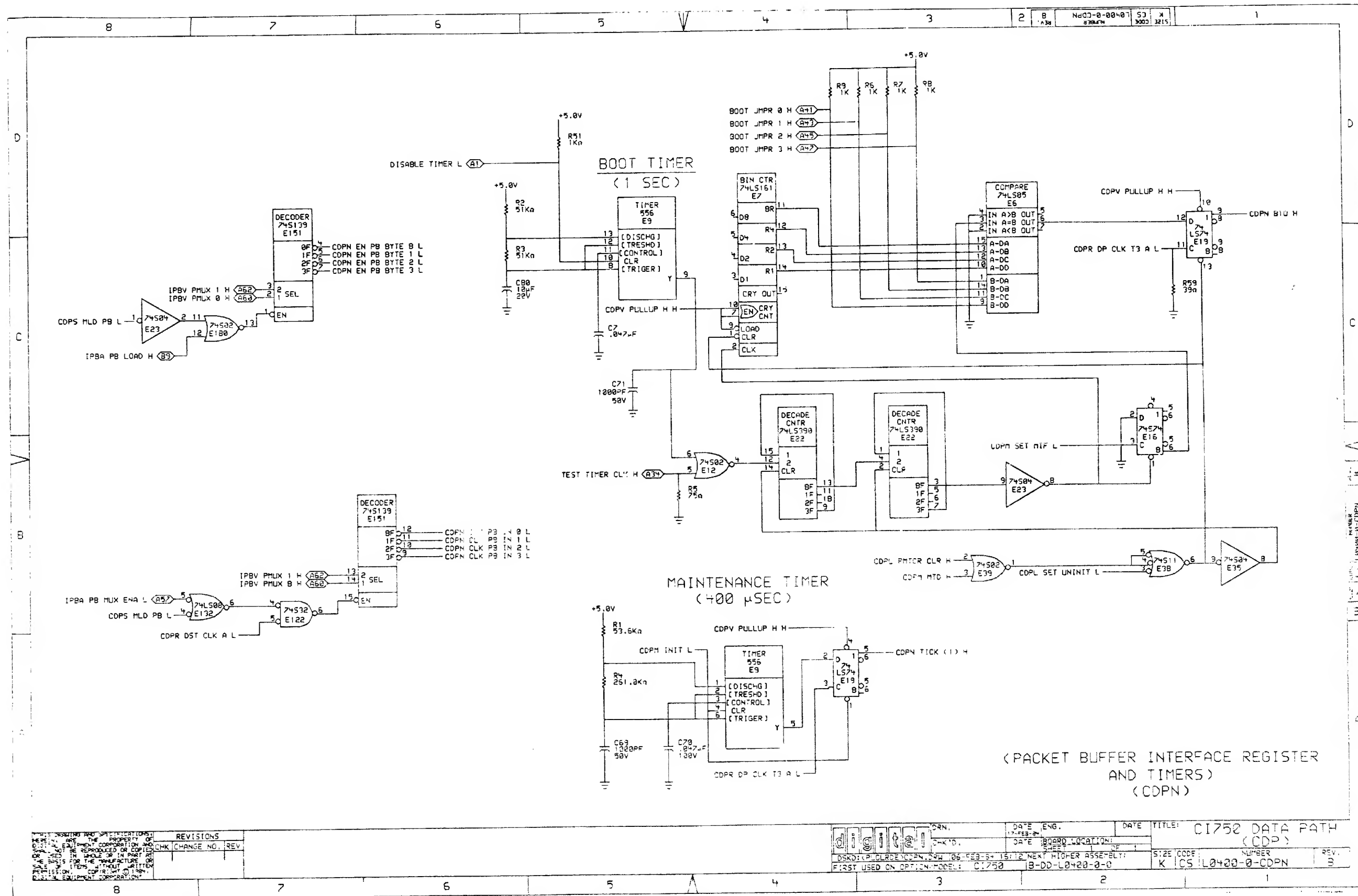
3 D0 2R 2  
5 D1 1R 5 — CDPM MTD H  
7 D2 2R 6  
9 D3 3R 9 — CDPM RSV0 H  
12 D4 4R 12 — CDPM PSA H  
14 D5 5R 15  
16 D6 6R 16  
18 D7 7R 19  
1 CLR  
CDPL CLK PMCSR L 11 CLR  
CDPM INIT L 18 CLR



(PMCSR & LS/VCDT WRITE)  
(CDPM)

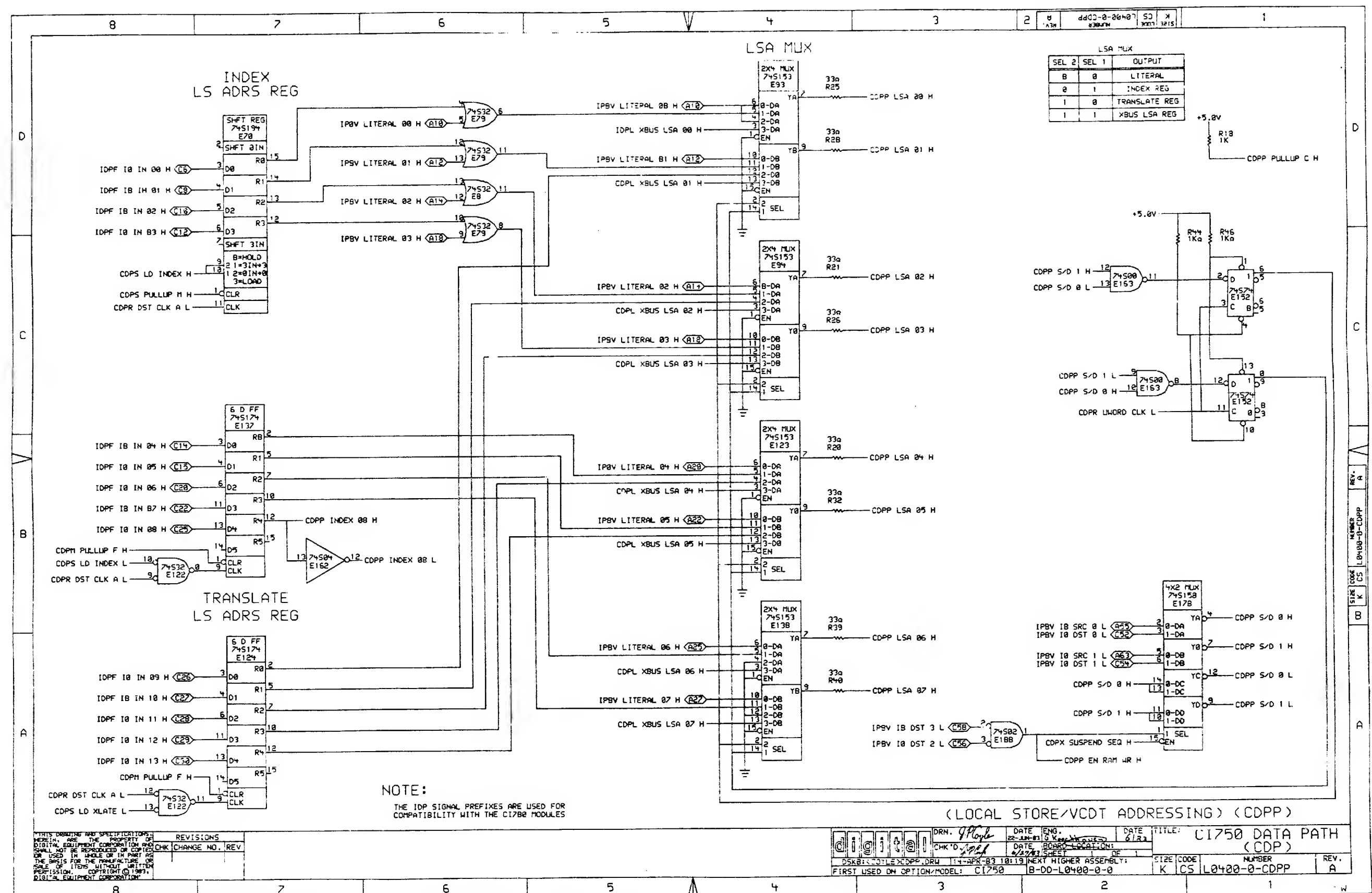
|                                                                                                                                                                                                                                                                 |           |                |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|----------------|
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|                                                                                                                                                                                                                                                                 | CHK       | CHANGE NO. REV |

|                                                           |        |      |                  |      |                        |      |             |      |
|-----------------------------------------------------------|--------|------|------------------|------|------------------------|------|-------------|------|
| digital                                                   | DRN.   | DATE | ENG.             | DATE | TITLE: C1750 DATA PATH |      |             |      |
|                                                           | CHK'D. | DATE | ACROSS LOCATION: |      | (CDF)                  |      |             |      |
| DSK0<PLURD0CDPM,DRW 06-FEB-84 16:05-NEXT HIGHER ASSEMBLY: |        |      |                  |      | SIZE                   | CODE | NUMBER      | REV. |
| FIRST USED ON OPTION/MODEL: C1750                         |        |      |                  |      | K                      | CS   | 0400-0-CDPM | B    |

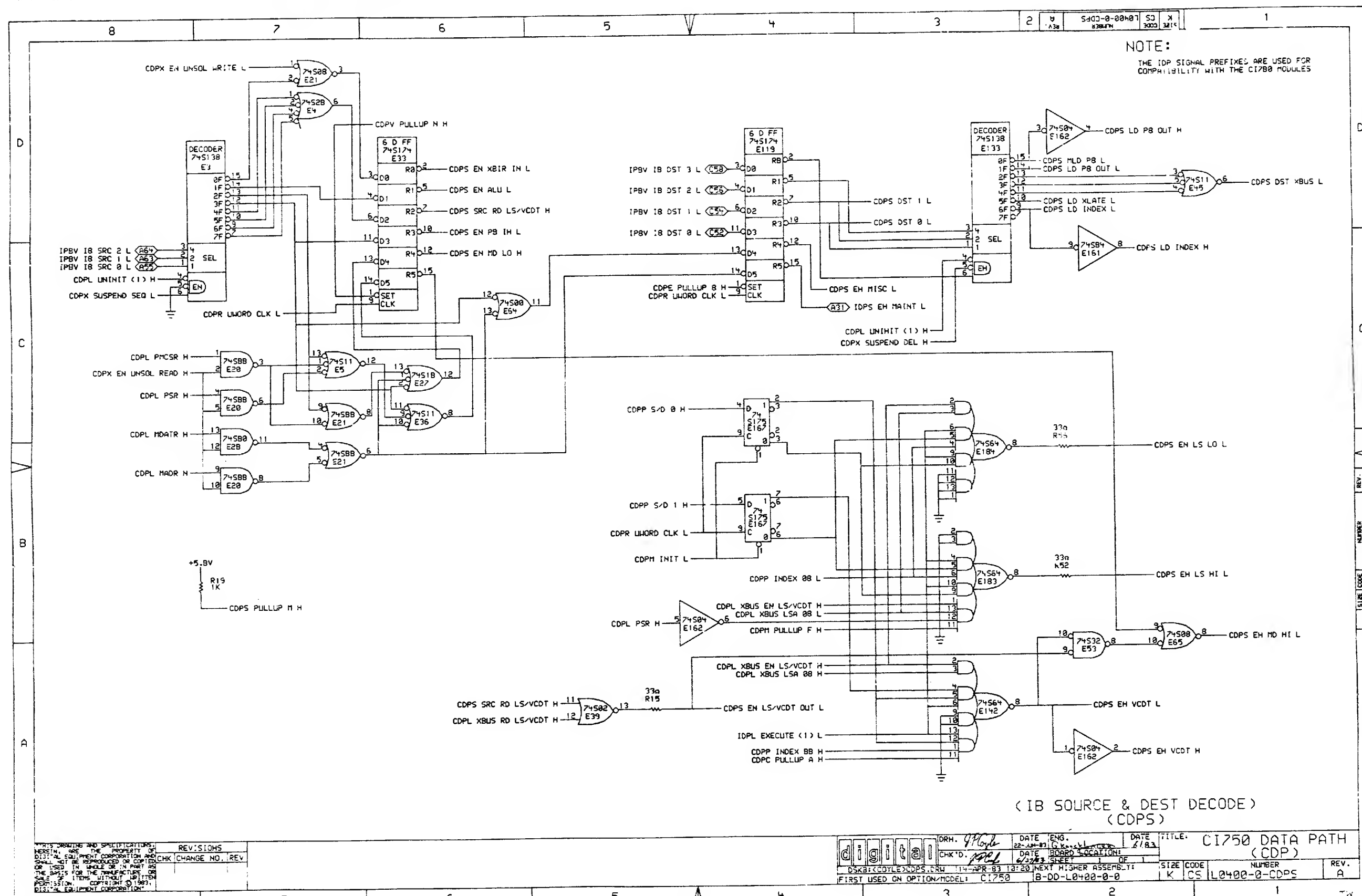


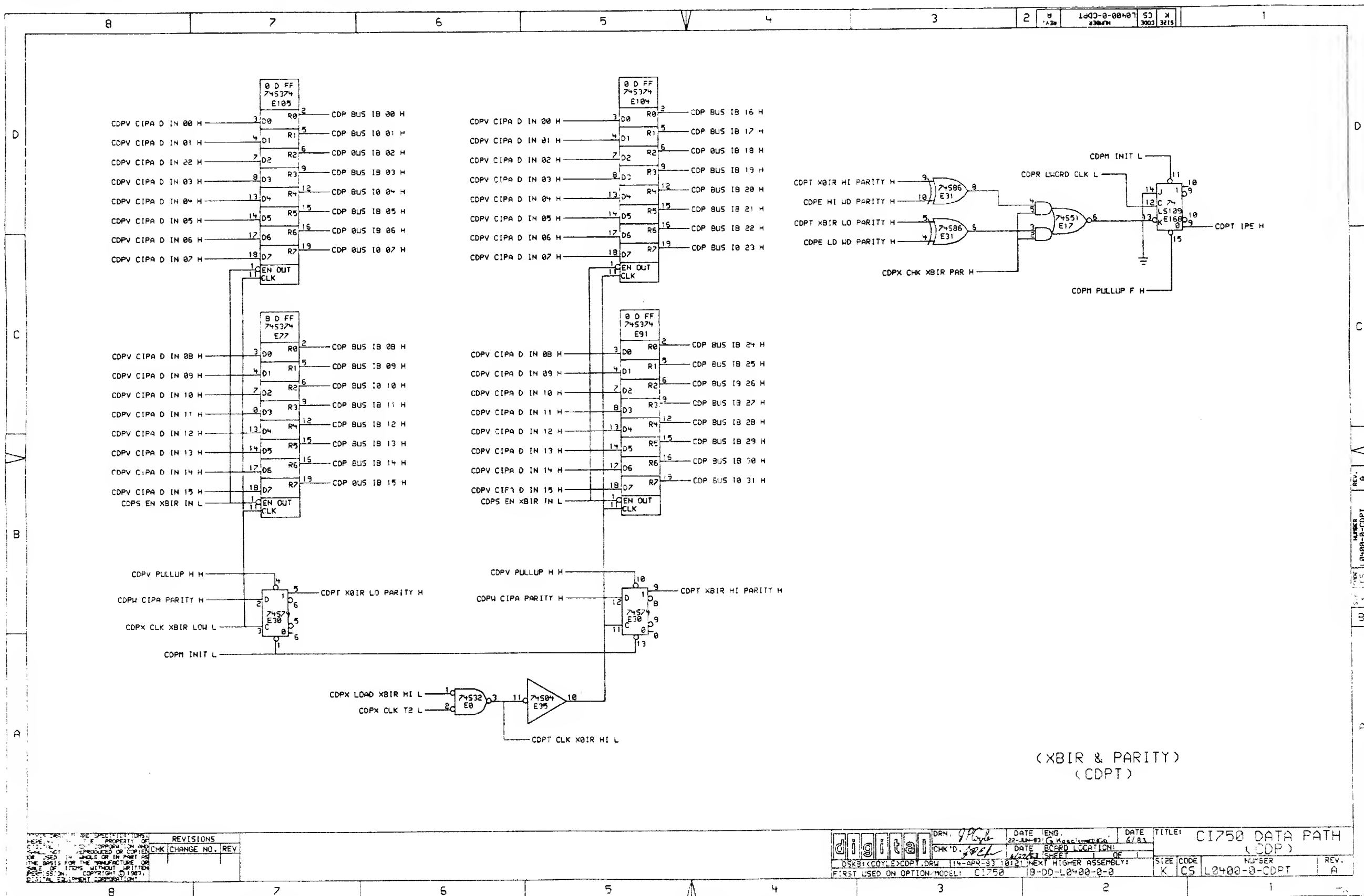
| REV | CHG | NO. | REV |
|-----|-----|-----|-----|
| 1   | 1   | 1   | 1   |

| DATE      | ENG.           | DATE      | TITLE                 |
|-----------|----------------|-----------|-----------------------|
| 17-FEB-80 | DRN.           | 17-FEB-80 | CI752 DATA PATH (CDP) |
| DATE      | BOARD LOCATION | DATE      | BOARD LOCATION        |
| 06-FEB-84 | 15/12          | 06-FEB-84 | 15/12                 |
| DATE      | BOARD LOCATION | DATE      | BOARD LOCATION        |
| 06-FEB-84 | 15/12          | 06-FEB-84 | 15/12                 |
| DATE      | BOARD LOCATION | DATE      | BOARD LOCATION        |
| 06-FEB-84 | 15/12          | 06-FEB-84 | 15/12                 |
| DATE      | BOARD LOCATION | DATE      | BOARD LOCATION        |
| 06-FEB-84 | 15/12          | 06-FEB-84 | 15/12                 |





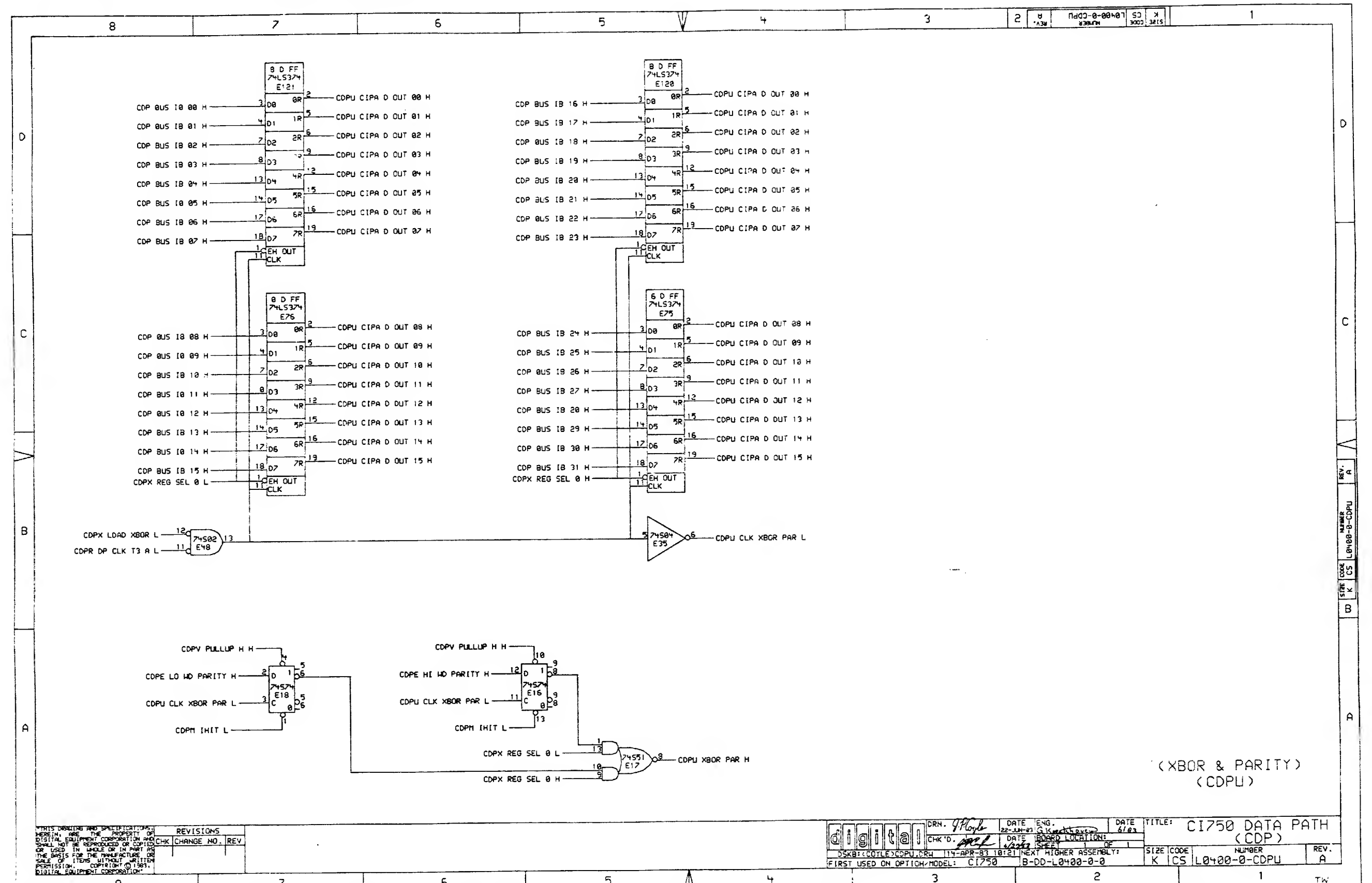


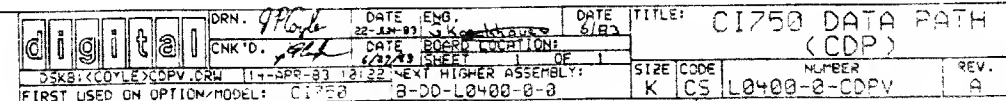


COYLE, DENB(COYLE)CDPT.DPL.1 SCALE 2:1 "D" RELEASE BOX

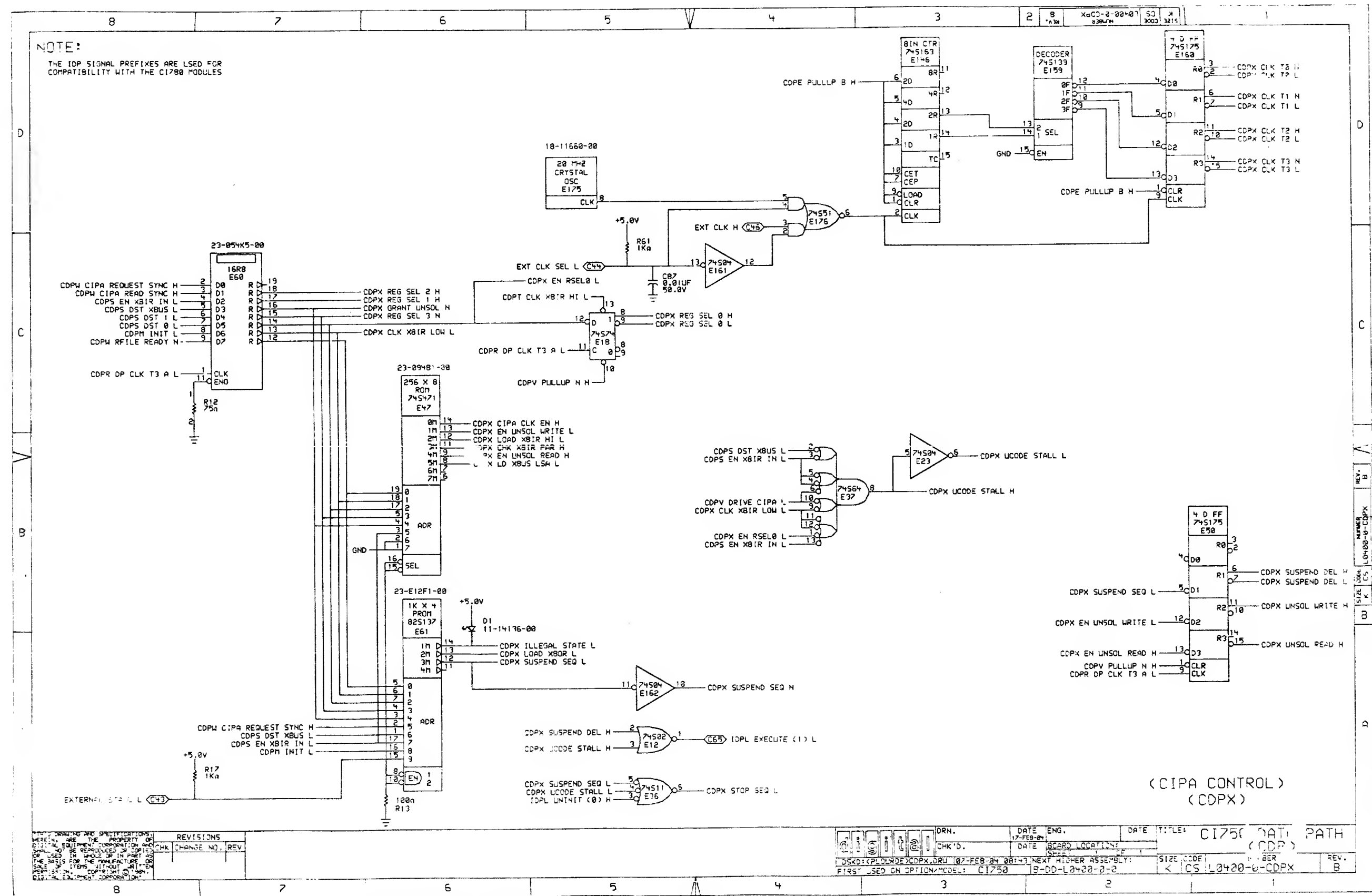
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|-----------------------------------|--------------|-----------------|-----------------------|-----------------------|-------------------------------|-----------|--------------|------|
| digital                           | DRN. 9702    | DATE 22-10-82   | ENG. G. Kassam        | DATE 6/83             | TITLE: CI750 DATA PATH (CDPT) |           |              |      |
|                                   | CHK'D. 10/82 | DATE 11-APR-83  | BOARD LOCATION: 10121 | SHEET 1 OF 1          |                               |           |              |      |
| DSK9: <COYL5>CDPT.DRW             |              | 11-APR-83 10:21 |                       | NEXT HIGHER ASSEMBLY: |                               | SIZE CODE | NUMBER       | REV. |
| FIRST USED ON OPTION MODEL: CI750 |              | B-DD-L0400-0-0  |                       |                       |                               | K CS      | L0400-0-CDPT | A    |

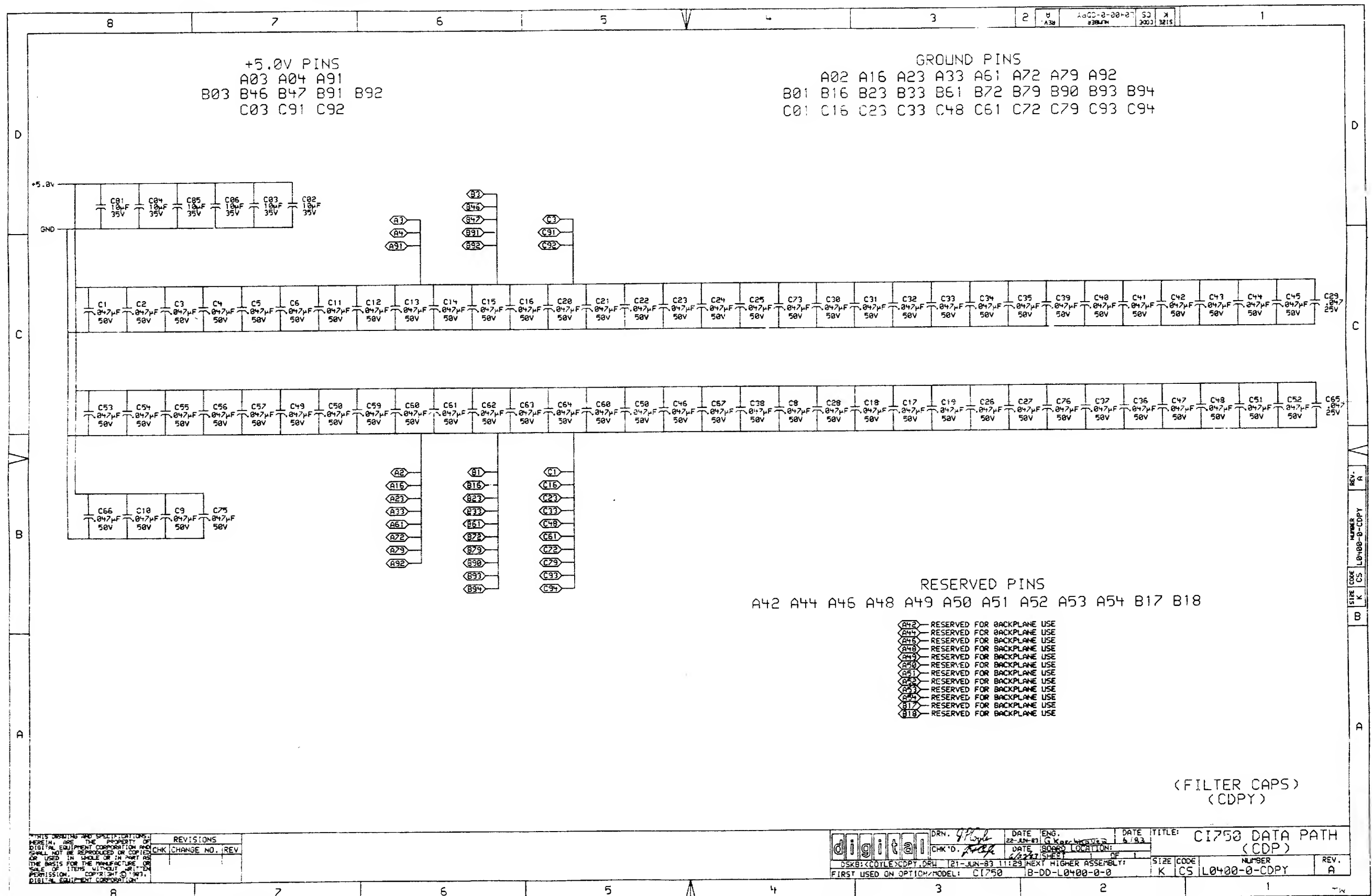


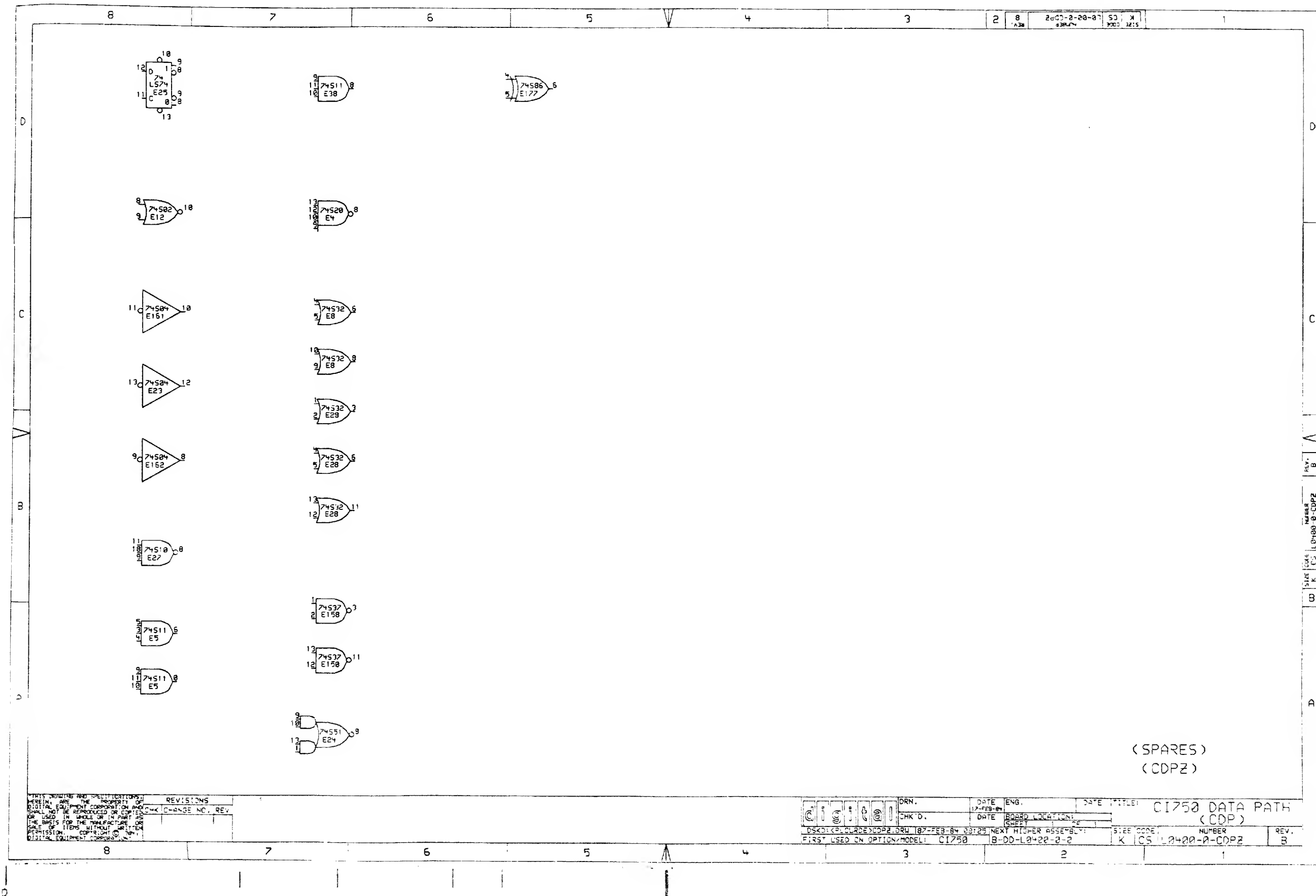


















| SIGNAL NAME         |                  | PAGE NUMBER(S) | SIGNAL NAME              |                | PAGE NUMBER(S) | SIGNAL NAME        |        | PAGE NUMBER(S) |
|---------------------|------------------|----------------|--------------------------|----------------|----------------|--------------------|--------|----------------|
| CDPX UC000 STALL H  | CDPX             |                | IDPF IB IN 01 H          | CDPP,M,E,H,F,C |                | IPBA PB LOAD H     | CDPM   |                |
| CDPX UC000 STALL L  | CDPV,X,R         |                | IDPF IB IN 02 H          | CDPM,P,E,H,F,C |                | IPBA PB MUX ENA L  | CDPR,H |                |
| CDPX UNSOL READ H   | CDPX,X,L         |                | IDPF IB IN 03 H          | CDPP,E,H,F,C   |                | IPBE RBUF PAR      | CDPR   |                |
| CDPX UNSOL WRITE H  | CDPX,L           |                | IDPF IB IN 04 H          | CDPM,E,P,H,F,C |                | IPBH XBUF PE (1)H  | CDPR,K |                |
| CIPA A DONE L       | CDPM             |                | IDPF IB IN 05 H          | CDPM,E,P,H,F,C |                | IPBS CSPE (1)H     | CDPR,K |                |
| CIPA A GO L         | CDPM,V           |                | IDPF IB IN 06 H          | CDPM,E,P,H,F,C |                | IPBV ALU A/B 0 H   | CDPS,A |                |
| CIPA B DONE L       | CDPM             |                | IDPF IB IN 07 H          | CDPE,P,H,F,C   |                | IPBV ALU A/B 1 H   | CDPS,A |                |
| CIPA B GO L         | CDPM,V           |                | IDPF IB IN 08 H          | CDPJ,F,P,E,H,C |                | IPBV ALU A/B 2 H   | CDPS,A |                |
| CIPA CIPA UP L      | CDPM             |                | IDPF IB IN 09 H          | CDPF,J,P,E,H,C |                | IPBV ALU A/B 3 H   | CDPS,A |                |
| CIPA CLK L          | CDPV,H           |                | IDPF IB IN 10 H          | CDPJ,F,P,E,H,C |                | IPBV ALU DST 0 H   | CDPS,A |                |
| CIPA CPU ACLO L     | CDPM,V           |                | IDPF IB IN 11 H          | CDPF,P,E,H,C   |                | IPBV ALU DST 1 H   | CDPS,A |                |
| CIPA DATA 00 L      | CDPV             |                | IDPF IB IN 12 H          | CDPJ,F,P,C,E,H |                | IPBV ALU DST 2 H   | CDPS,A |                |
| CIPA DATA 01 L      | CDPV             |                | IDPF IB IN 13 H          | CDPF,J,P,C,E,H |                | IPBV ALU FCN 0 H   | CDPA,B |                |
| CIPA DATA 02 L      | CDPV,H           |                | IDPF IB IN 14 H          | CDPJ,F,C,E,H   |                | IPBV ALU FCN 1 H   | CDPA,B |                |
| CIPA DATA 03 L      | CDPV,H           |                | IDPF IB IN 15 H          | CDPJ,F,C,E,H   |                | IPBV ALU FCN 2 H   | CDPS,A |                |
| CIPA DATA 04 L      | CDPV,H           |                | IDPF IB IN 16 H          | CDPJ,E,F,D,H   |                | IPBV ALU SRC 0 H   | CDPS,A |                |
| CIPA DATA 05 L      | CDPV,H           |                | IDPF IB IN 17 H          | CDPJ,E,F,D,H   |                | IPBV ALU SRC 1 H   | CDPS,A |                |
| CIPA DATA 06 L      | CDPV,H           |                | IDPF IB IN 18 H          | CDPJ,E,F,D,H   |                | IPBV ALU SRC 2 H   | CDPS,A |                |
| CIPA DATA 07 L      | CDPV,H           |                | IDPF IB IN 19 H          | CDPJ,E,F,D,H   |                | IPBV ASRT DEAD H   | CDPM   |                |
| CIPA DATA 08 L      | CDPV             |                | IDPF IB IN 20 H          | CDPJ,E,F,D,H   |                | IPBV ASRT FAIL H   | CDPM   |                |
| CIPA DATA 09 L      | CDPV             |                | IDPF IB IN 21 H          | CDPJ,E,F,D,H   |                | IPBV CLR REG WRT L | CDPE   |                |
| CIPA DATA 10 L      | CDPV             |                | IDPF IB IN 22 H          | CDPJ,E,F,D,H   |                | IPBV EN RBPE H     | CDPR   |                |
| CIPA DATA 11 L      | CDPV             |                | IDPF IB IN 23 H          | CDPE,F,D,H     |                | IPBV IB DST 0 L    | CDPS,P |                |
| CIPA DATA 12 L      | CDPV             |                | IDPF IB IN 24 H          | CDPF,J,D,E,H   |                | IPBV IB DST 1 L    | CDPS,P |                |
| CIPA DATA 13 L      | CDPV             |                | IDPF IB IN 25 H          | CDPF,J,D,E,H   |                | IPBV IB DST 2 L    | CDPS,P |                |
| CIPA DATA 14 L      | CDPV             |                | IDPF IB IN 26 H          | CDPJ,F,D,E,H   |                | IPBV IB DST 3 L    | CDPS,P |                |
| CIPA DATA 15 L      | CDPV             |                | IDPF IB IN 27 H          | CDPF,D,E,H     |                | IPBV IS SPC 0 L    | CDPS,P |                |
| CIPA DCLG L         | CDPM,V           |                | IDPF IB IN 28 H          | CDPF,E,H,D     |                | IPBV IS SRC 1 L    | CDPS,P |                |
| CIPA ERROR L        | CDPM,V           |                | IDPF IB IN 29 H          | CDPF,E,H,D     |                | IPBV IS SRC 2 L    | CDPS   |                |
| CIPA GRANT L        | CDPV             |                | IDPF IB IN 30 H          | CDPF,E,H,D     |                | IPBV INTR H        | CDPM   |                |
| CIPA MIN L          | CDPM,V           |                | IDPF IB IN 31 H          | CDPF,J,E,H,D   |                | IPBV LITER L 00 H  | CDPP,K |                |
| CIPA PARITY L       | CDPM,V           |                | IDPJ BR 0 H              | CDPJ           |                | IPBV LITER L 01 H  | CDPP,K |                |
| CIPA PORT INT L     | CDPM,V           |                | IDPJ BR 1 H              | CDPJ           |                | IPBV LITER L 02 H  | CDPP,K |                |
| CIPA RCV FILE RDY L | CDPM,V           |                | IDPJ BR 2 H              | CDPJ           |                | IPBV LITER L 03 H  | CDPP,K |                |
| CIPA READ L         | CDPM             |                | IDPJ BR 3 H              | CDPJ           |                | IPBV LITER L 04 H  | CDPK,P |                |
| CIPA REG SEL 0 L    | CDPV             |                | IDPL CLK MAOR L          | CDPL           |                | IPBV LITER L 05 H  | CDPK,P |                |
| CIPA REG SEL 1 L    | CDPV             |                | IDPL CS WE H             | CDPL           |                | IPBV LITER L 06 H  | CDPK,P |                |
| CIPA REG SEL 2 L    | CDPV             |                | IDPL EN CS DATA IN H     | CDPL           |                | IPBV LITER L 07 H  | CDPK,P |                |
| CIPA REG SEL 3 L    | CDPV             |                | IDPL EXECUTE (0)H        | CDPX,M,R,S     |                | IPBV PF VLD H      | CDPM   |                |
| CIPA REQUEST L      | CDPM             |                | IDPL UNINIT (0)H         | CDPL,X,M,J,H   |                | IPBV PMUX 0 H      | CDPR,H |                |
| CIPA RSVD A L       | CDPM,V           |                | IDPL XBUS LSA 00 H       | CDPL,P         |                | IPBV PMUX 1 H      | CDPR,H |                |
| CIPA SET MSE L      | CDPM,V           |                | IDPM EN MAOR L           | CDPM           |                | IPBV SET A GO H    | CDPV   |                |
| CIPA T ACLO L       | CDPM             |                | IDPM EN SEQ L            | CDPM           |                | IPBV SET B GO H    | CDPV   |                |
| CIPA T DCLG L       | CDPM             |                | IDPM LOGIC CLR L         | CDPM           |                | IPBV UP PDN H      | CDPM   |                |
| DISABLE ARB L       | CDPJ             |                | IDPR PB PAR H            | CDPR           |                | IPBW SEQ CNTL 0 H  | CDPJ   |                |
| DISABLE TIMER L     | CDPN             |                | IDPR PORT CLK T3 L       | CDPR           |                | IPBW SEQ CNTL 1 H  | CDPJ   |                |
| EXT CLK H           | CDPX             |                | IDPR SEQ CLK T3 L        | CDPR           |                | IPBW SEQ CNTL 2 H  | CDPJ   |                |
| EXT CLK SEL L       | CDPX             |                | IDPS EN MAINT L          | CDPS           |                | IPBW SEQ CNTL 3 H  | CDPJ   |                |
| EXTERNAL STALL L    | CDPX             |                | ILIL XMIT ATTENTION (1)H | CDPJ           |                | IPBW SEQ CNTL 4 H  | CDPJ   |                |
| IDPF IB IN 00 H     | CDPL,P,J,E,H,F,C |                | ILIL XMIT STATUS 7 (1)H  | CDPR,K         |                | IPBY REC ATTN H    | CDPJ   |                |

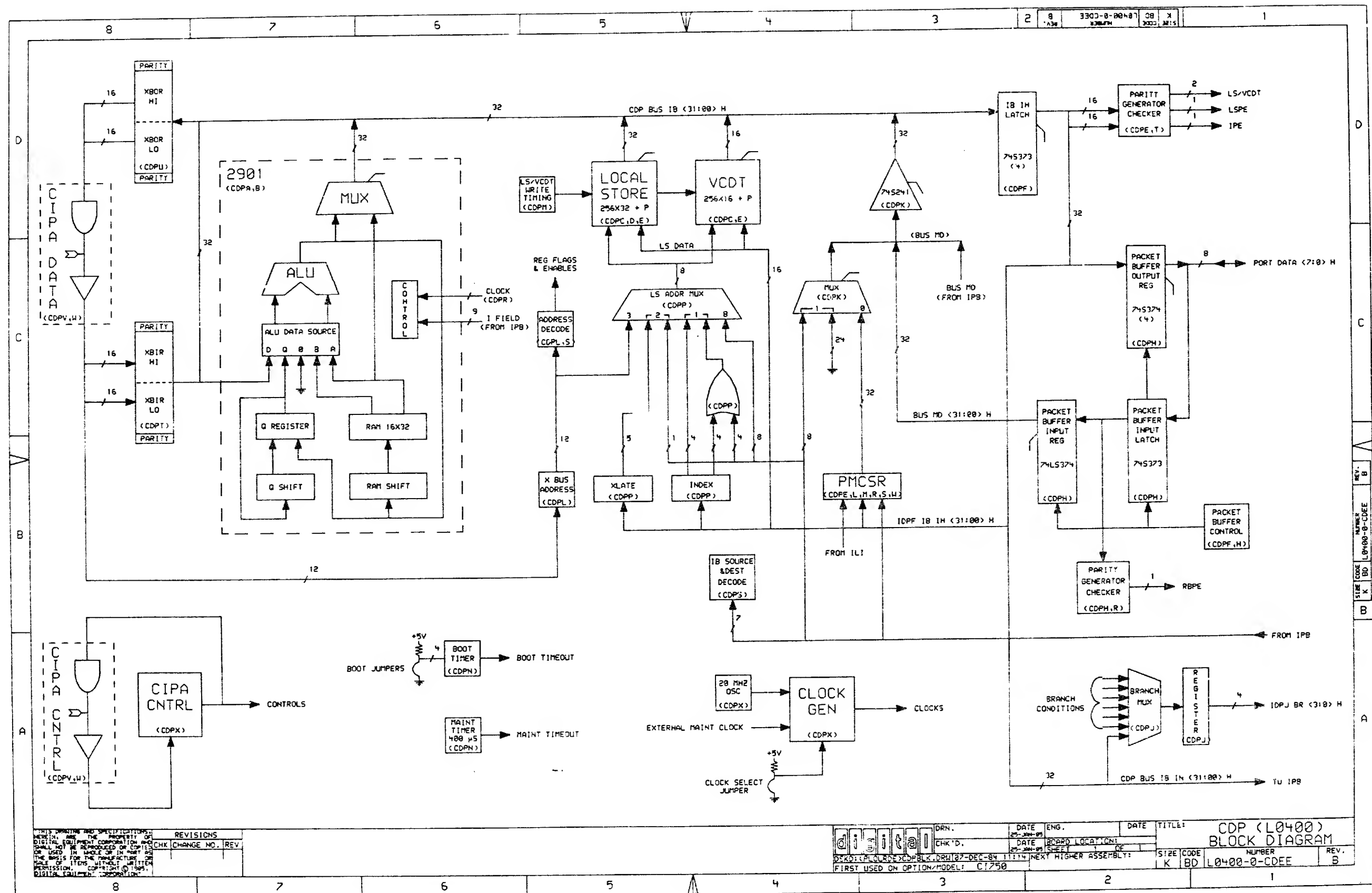
NOTES:  
1. THIS PAGE LISTS THE SCHEMATIC PAGE NUMBER(S) WHERE A SIGNAL NAME IS REFERENCED.

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REVISIONS  
CHK CHANGE NO. REV

|                                    |           |                                      |                               |                      |                              |
|------------------------------------|-----------|--------------------------------------|-------------------------------|----------------------|------------------------------|
| digital                            | DRH: 9906 | DATE: 18-JUL-83                      | ENG: G. J. K. / J. K. / J. K. | DATE: 7-13-83        | TITLE: CI750 DATA PATH (CDP) |
|                                    | CHK: 9906 | DATE: 18-JUL-83                      | ENG: G. J. K. / J. K. / J. K. | DATE: 7-13-83        |                              |
| DSK: (HOMMEL) CDPCC.DPL            |           | NEXT HIGHER ASSEMBLY: B-DD-L0400-0-0 |                               | SIZE: K              | CODE: CS                     |
| FIRST USED ON OPTION: MODEL: CI750 |           | B-DD-L0400-0-0                       |                               | NUMBER: L0400-0-CDCC | REV: A                       |

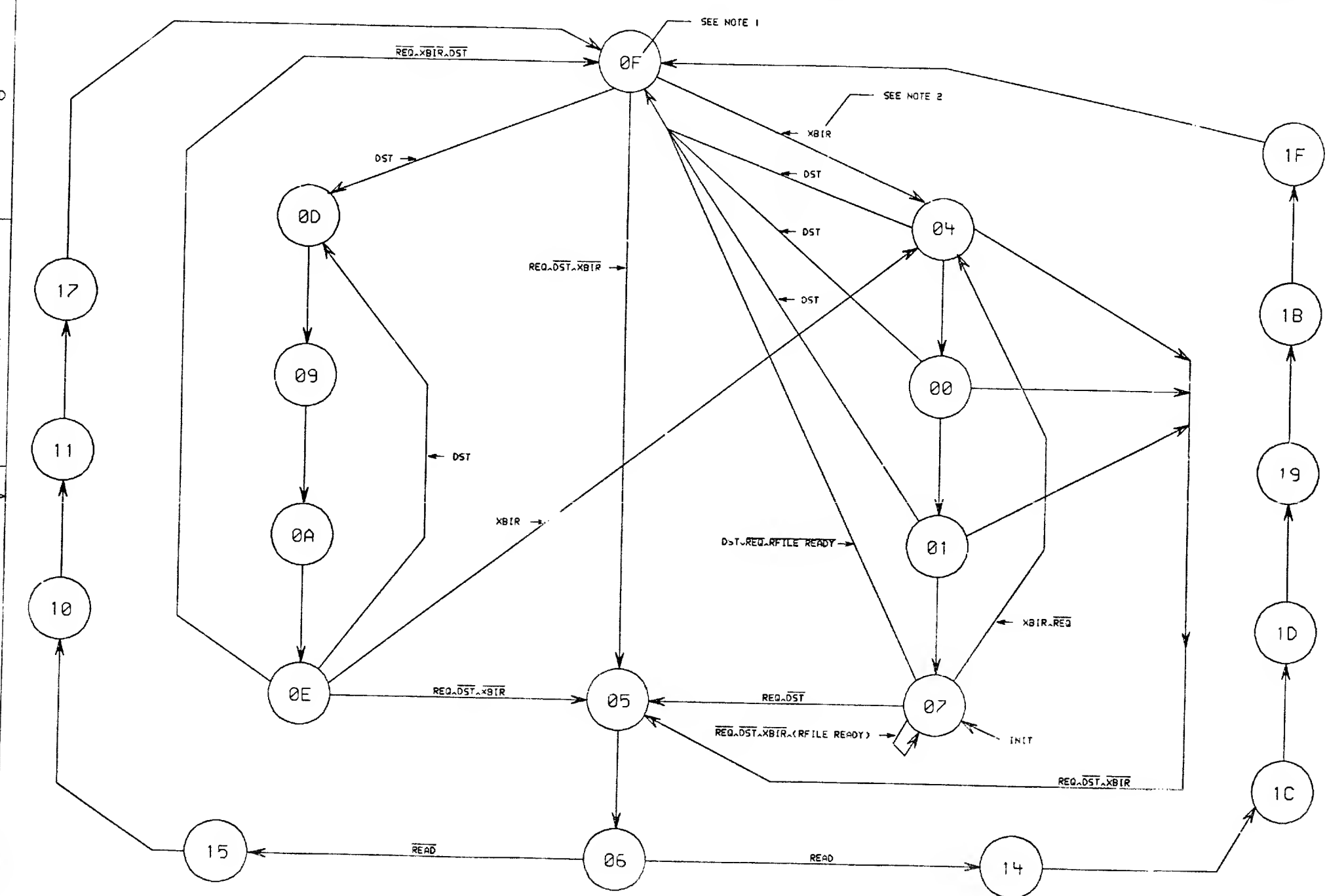
HOMTEL, DSKB:(HOMTEL)CDPDD.DPL.2, SCALE 2, "D" RELEASE BOX, SIGNED "FF"



# NOTES:

1. 0F IS THE HEXADECIMAL REPRESENTATION OF THE PRESENT STATE.  
ES0(12) IS THE LSB AND ES0(16) IS THE MSB.

2. ABBREVIATION TO SIGNAL NAME CROSS REFERENCE.  
INIT = CDPH INIT L  
REQ = CDPH CIPA REQUEST SYNC H  
READ = CDPH CIPA READ SYNC H  
DST = CDPH DST XBUS L  
XBIR = CDPH EN XBIR IN L  
RFILE READY = CDPH RFILE READY H



(STATE TRANSITION DIAGRAM FOR THE CDP PAL)

| REV | CHG | NO. | REV |
|-----|-----|-----|-----|
| 1   | 1   | 1   | 1   |

|           |                |           |                |
|-----------|----------------|-----------|----------------|
| DATE      | ENG.           | DATE      | TITLE          |
| 12-FEB-84 | 18:05          | 12-FEB-84 | 18:05          |
| DATE      | BOARD LOCATION | DATE      | BOARD LOCATION |
| 12-FEB-84 | 18:05          | 12-FEB-84 | 18:05          |
| DATE      | BOARD LOCATION | DATE      | BOARD LOCATION |
| 12-FEB-84 | 18:05          | 12-FEB-84 | 18:05          |
| DATE      | BOARD LOCATION | DATE      | BOARD LOCATION |
| 12-FEB-84 | 18:05          | 12-FEB-84 | 18:05          |
| DATE      | BOARD LOCATION | DATE      | BOARD LOCATION |
| 12-FEB-84 | 18:05          | 12-FEB-84 | 18:05          |

The

[illegible]

**NOTES:**

| REVSIONS |         |      |
|----------|---------|------|
| DATE     | CHG NO. | REV. |
| 3-82     | TW001   | B    |
| 9-82     | TW002   | C    |
| 11-83    | TW003   | D    |
| 1-84     | TW004   | E    |
| 8-84     | TW005   | F    |
| 10-84    | TW006   | H    |

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DRB 126

|   |           |   |           |   |           |
|---|-----------|---|-----------|---|-----------|
| Q | Q 100-100 | Q | Q 100-100 | Q | Q 100-100 |
|---|-----------|---|-----------|---|-----------|

USED ON OPTION/MODEL

08/15

~~DRN.~~

CHK'D

|      |
|------|
| ENG. |
|------|

PROD.

TITLE C1780

## PACKET BUFFER

|      |      |         |
|------|------|---------|
| SIZE | CODE | NUMBER  |
| B    | DD   | L0101 C |

SHEET 2 OF 3

REV.

H



[illegible]





5-1 PTH BELOW E163-1 TO PTH RIGHT OF E179-9

REVISION HISTORY

DOCUMENT NUMBER

|            |     |
|------------|-----|
| IP4 PACKET | ... |
| BUFFER     |     |

|               |       |
|---------------|-------|
| DATE          | NAME  |
| EVAL 0101-0-0 |       |
| SCALE NAME    | INSTR |

| LINE | ITEM | TOP DOCUMENT | PART NUMBER | MIN REV | DESCRIPTION                    | QTY | PER VARIATION | REFERENCE DESIGNATOR             |
|------|------|--------------|-------------|---------|--------------------------------|-----|---------------|----------------------------------|
|      |      |              |             |         |                                |     |               |                                  |
|      |      |              |             |         | VARIATION REVISION LEVEL:      | 00  |               |                                  |
|      |      |              |             |         |                                | E1  |               |                                  |
| 1    | 1    |              | 5014971-00  |         | MULTI LAYER BOARD              | 1   |               |                                  |
| 2    | 4    |              | 1012784-00  |         | .047 MFD 50V +30-20% CER       | 61  |               | C7-C67                           |
| 3    | 7    |              | 1017472-00  |         | 10 MFD 35V +75-10% AL EL       | 6   |               | C1-C6                            |
| 4    | 6    |              | 1114136-00  |         | LED 16MA 5V                    | 12  |               | D1-D12                           |
| 5    | 60   |              | 1215006-02  |         | SKT,IC 16PIN DIP TIN SOLD      | 2   |               | XE59,XE118                       |
| 6    | 61   |              | 1215006-06  |         | SKT,IC 24PIN DIP TIN SOLD      | 6   |               | XE76,XE95,XE114,XE134,XE154,     |
|      |      |              |             |         |                                |     | CONT          | XE174                            |
| 7    | 2    |              | 1216988-02  |         | HANDLE,MODULE,HEX TWO EJECTORS | 1   |               |                                  |
| 8    | 5    |              | 1300365-00  |         | 1.0 K .25 W 5.0 % CF           | 17  |               | R1,R2,R4-R18                     |
| 9    | 33   |              | 1616653-01  |         | DELAY= 100NS,10TAPS WITH TTLBU | 2   |               | E10,E149                         |
| 10   | 42   |              | 1910532-00  |         | 74S00 NAND GATE-QUAD 2IN       | 7   |               | E86,E89,E46,E12,E107,E108,E168   |
| 11   | 39   |              | 1910534-00  |         | 74S04 INVERTER GATE-HEX 1I     | 8   |               | E22,E47,E87,E200,E148,E167,E223, |
|      |      |              |             |         |                                |     | CONT          | E218                             |
| 12   | 59   |              | 1910536-00  |         | 74S10 NAND GATE-TRIPLE 3IN     | 3   |               | E61,E80,E192                     |
| 13   | 16   |              | 1910537-00  |         | 74S11 AND GATE-TRIPLE 3INP     | 1   |               | E226                             |
| 14   | 38   |              | 1910539-00  |         | 74S20 NAND GATE-DUAL 4INPU     | 1   |               | E69                              |
| 15   | 46   |              | 1910542-00  |         | 74S64 A-O-I GATE 4-2-3-2       | 7   |               | E25,E26,E88,E147,E128,E30,E50    |
| 16   | 47   |              | 1910544-00  |         | 74S74 FF-D DUAL,EDGE TRIGG     | 19  |               | E18,E129,E126,E7,E8,E11,E189,    |
|      |      |              |             |         |                                |     | CONT          | E31,E71,E72,E29,E90,E91,E190,    |
|      |      |              |             |         |                                |     | CONT          | E191,E224,E6,E239,E209           |
| 17   | 35   |              | 1910545-00  |         | 74S112 FF-JK DUAL,EDGE TRIG    | 2   |               | E208,E217                        |
| 18   | 49   |              | 1910548-00  |         | 74S157 MUX 1 OF 2 (QUAD)       | 2   |               | E119,E120                        |
| 19   | 43   |              | 1910550-00  |         | 74S174 FF-D HEX                | 7   |               | E43,E64,E1,E63,E179,E185,E44     |
| 20   | 20   |              | 1911573-00  |         | 74S280 PARITY GEN/CHKR,95IT    | 8   |               | E56,E65,E110,E139,E150,E178,     |
|      |      |              |             |         |                                |     | CONT          | E196,E197                        |
| 21   | 50   |              | 1911675-00  |         | 74S138 DECODER/DEMUX 3-8 LI    | 2   |               | E66,E68                          |
| 22   | 44   |              | 1911712-00  |         | 74S51 AND-OR GATE-INVERT D     | 8   |               | E186,E210,E214,E14,E34,E13,E4    |
|      |      |              |             |         |                                |     | CONT          | E227                             |
| 23   | 15   |              | 1912096-00  |         | DEC 74S86 XOR GATE,QUAD 2IN    | 1   |               | E228                             |
| 24   | 40   |              | 1912388-00  |         | 74S02 NOR GATE-QUAD 2IN,PO     | 5   |               | E207,E24,E48,E140,E144           |

| REVISION HISTORY |             |     | BASIC PART NO: L0101    |  | DRN: J.CASEY             |  | DATE: 25-SEP-81      |  | D I G I T A L                          |      |             |     |
|------------------|-------------|-----|-------------------------|--|--------------------------|--|----------------------|--|----------------------------------------|------|-------------|-----|
| ENG              | ECO NUMBER  | REV | SECTION A OF A          |  | CHK'D: F.GAROFALO        |  | DATE: 25-SEP-81      |  | TITLE PARTS LIST                       |      |             |     |
| ---              | INITIAL     | A   | SECTION VARIATION INDEX |  | CHK'D: F.GAROFALO        |  | DATE: 25-SEP-81      |  | CI780 PACKET BUFFER (IPB)              |      |             |     |
| S.B.             | L0101-TW001 | B   | (A) 00                  |  |                          |  |                      |  |                                        |      |             |     |
| SP               | L0101-TW002 | C   | (B)                     |  |                          |  |                      |  |                                        |      |             |     |
| FD               | L0101-TW004 | D   | (C)                     |  | DES.ENG: M.CARRAFIELLO   |  | DATE: 25-SEP-81      |  | DOCUMENT NUMBER                        |      |             |     |
| RE               | L0101-TW006 | E   | (D)                     |  |                          |  |                      |  | SIZE                                   | CODE | NUMBER      | REV |
|                  |             |     | (E)                     |  |                          |  |                      |  |                                        |      |             |     |
|                  |             |     | (F)                     |  | RESP.ENG.: M.CARRAFIELLO |  | DATE: 25-SEP-81      |  | K                                      | PL   | L0101-0-DBP | E   |
|                  |             |     | (H)                     |  |                          |  |                      |  |                                        |      |             |     |
|                  |             |     | (J)                     |  |                          |  |                      |  |                                        |      |             |     |
|                  |             |     | (K)                     |  | MFG.ENG.: K.MEISSNER     |  | DATE: 25-SEP-81      |  | RELEASE DATE: 15-NOV-84                |      |             |     |
|                  |             |     | (L)                     |  |                          |  |                      |  |                                        |      |             |     |
|                  |             |     | (M)                     |  | ASSEMBLY NUMBER:         |  | TOP DOCUMENT NUMBER. |  | FILE NAME: <td colspan="2">EDIT #</td> |      | EDIT #      |     |
|                  |             |     | (N)                     |  | E-UA-L0101-0-0           |  |                      |  | Z1283E.PLS                             |      | 23          |     |

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## P A R T S L I S T

SHEET A2 OF A3

| LINE | ITEM | TOP DOCUMENT | PART NUMBER | MIN<br>REV | DESCRIPTION                      | QTY<br>00<br>E1 | PER VARIATION | REFERENCE DESIGNATOR             |
|------|------|--------------|-------------|------------|----------------------------------|-----------------|---------------|----------------------------------|
|      |      |              |             |            |                                  |                 |               |                                  |
|      |      |              |             |            | VARIATION REVISION LEVEL:        |                 |               |                                  |
| 25   | 41   |              | 1912389-00  |            | 74S08 AND GATE-QUAD 2IN,PO       | 5               |               | E206,E216,E187,E109,E222         |
| 26   | 52   |              | 1912646-00  |            | LS253 MUX 1 OF 4 (DUAL)          | 8               |               | E221,E201-E203,E180-E183         |
| 27   | 58   |              | 1912647-00  |            | LS257 MUX 1 OF 2 (QUAD)          | 4               |               | E42,E21,E62,E220                 |
| 28   | 53   |              | 1912660-00  |            | 74S253 MUX 1 OF 4 (DUAL)         | 4               |               | E81-E84                          |
| 29   | 56   |              | 1912746-00  | DEC        | 74S37 NAND GATE-QUAD 2IN         | 1               |               | E2                               |
| 30   | 24   |              | 1912799-00  |            | LS00 NAND-GATE-QUAD 2IN,P        | 3               |               | E51,E130,E205                    |
| 31   | 30   |              | 1912801-00  |            | LS02 NOR-GATE-QUAD 2IN           | 3               |               | E9,E28,E127                      |
| 32   | 29   |              | 1912805-00  |            | LS08 AND GATE-QUAD 2IN,PO        | 5               |               | E4,E145,E146,E184,E229           |
| 33   | 25   |              | 1912808-00  |            | LS11 AND GATE-TRIPLE 3IN         | 3               |               | E23,E39,E52                      |
| 34   | 43   |              | 1912811-00  |            | LS21 AND GATE-DUAL 4IN,PO        | 2               |               | E38,E215                         |
| 35   | 37   |              | 1912816-00  |            | LS32 OR GATE-QUAD 2IN,POS        | 1               |               | E204                             |
| 36   | 26   |              | 1912820-00  |            | LS51 A-O-I GATE 2-WIDE 2I        | 1               |               | E27                              |
| 37   | 27   |              | 1912822-00  |            | LS55 A-O-I GATE,DUAL 4IN         | 3               |               | E32,E33,E70                      |
| 38   | 22   |              | 1912824-00  |            | LS74 FF-D DUAL,EDGE TRIGG        | 1               |               | E225                             |
| 39   | 28   |              | 1912833-00  |            | LS109 FF-JK DUAL,POS EDGE        | 3               |               | E3,E5,E188                       |
| 40   | 19   |              | 1912851-00  |            | LS169 COUNTER,SYNCH, UP/D0       | 3               |               | E121-E123                        |
| 41   | 23   |              | 1913340-00  |            | 74S32 OR GATE-QUAD 2IN           | 1               |               | E199                             |
| 42   | 45   |              | 1913462-00  |            | 74S240 OCTAL BUFFER,INVERTI      | 3               |               | E166,E193,E194                   |
| 43   | 34   |              | 1913662-01  |            | RAM 1KX1 16 PIN TT               | 2               |               | E37,E55                          |
| 44   | 54   |              | 1913671-00  |            | 74S374 FF-D,OCTAL,TR1 STATE      | 11              |               | E99-E106,E124,E125,E195          |
| 45   | 51   |              | 1914082-00  |            | 74S163 COUNTER,SYNCH UP/DOW      | 12              |               | E19,E57,E58,E15-E17,E236-E238,   |
|      |      |              |             |            |                                  |                 | CONT          | E230-E232                        |
| 46   | 21   |              | 1914085-00  |            | 74S260 NOR GATE-DUAL,POS         | 1               |               | E45                              |
| 47   | 36   |              | 1914086-00  |            | 74S30 NAND GATE-POS 8IN          | 2               |               | E67,E198                         |
| 48   | 17   |              | 1914214-00  |            | LS374 FF-D OCTAL EDGE TRIG       | 2               |               | E160,E162                        |
| 49   | 57   |              | 1915193-00  |            | LS244 DRIVER,LINE,OCTAL,T        | 8               |               | E41,E141-E143,E158,E159,E161,    |
|      |      |              |             |            |                                  |                 | CONT          | E138                             |
| 50   | 18   |              | 1916680-01  |            | 2911A MICROPROGRAM SEQUENC       | 3               |               | E163-E165                        |
| 51   | 8    |              | 2114523-01  |            | 4K MOS RAM 70NS 18PIN            | 1               |               | E170                             |
| 52   | 31   | SEE NOTE     | 2116957-02  |            | 1K MOS RAM 70NS 1                | 30              |               | E74,E75,E77,E78,E93,E94,E96,E97, |
|      |      |              |             |            |                                  |                 | CONT          | E112,E113,E115,E116,E132,E133,   |
|      |      |              |             |            |                                  |                 | CONT          | E135,E136,E152,E153,E155,E156,   |
|      |      |              |             |            |                                  |                 | CONT          | E172,E173,E175,E176,E211-E213,   |
|      |      |              |             |            |                                  |                 | CONT          | E233-E235                        |
| 53   | 32   |              | 2116957-03  |            | 1K MOS RAM 55NS 1                | 4               |               | E35,E36,E53,E54                  |
| 54   | 55   |              | 23008K5-00  | K5-01      |                                  | 1               |               | E85                              |
| 55   | 9    |              | 23269F3-00  | F3-03      |                                  | 1               |               | E114                             |
| 56   | 10   |              | 23270F3-00  | F3-03      |                                  | 1               |               | E95                              |
| 57   | 11   |              | 23271F3-00  | F3-03      |                                  | 1               |               | E76                              |
| 58   | 12   |              | 23272F3-00  | F3-03      |                                  | 1               |               | E174                             |
| 59   | 13   |              | 23273F3-00  | F3-03      |                                  | 1               |               | E154                             |
| 60   | 14   |              | 23274F3-00  | F3-03      |                                  | 1               |               | E134                             |
| 61   | 3    |              | 9000024-01  |            | EYELET,ROLLED 0.1210DX0.192      | 12              |               |                                  |
| 62   | 62   |              | 9009135-00  |            | JUMPER, WIRE, INSULATED, BLACK B | 1               |               | W1                               |
| 63   | 63   |              | 9105740-55  |            | WIRE(WRAP) 30AWG KYNAR UL14      | A/R             |               |                                  |

|               |  |  |  |                           |                |      |      |                 |     |
|---------------|--|--|--|---------------------------|----------------|------|------|-----------------|-----|
| D I G I T A L |  |  |  | TITLE                     | SECTION A OF A | SIZE | CODE | DOCUMENT NUMBER | REV |
|               |  |  |  | CI780 PACKET BUFFER (IPB) |                | K    | PL   | L0101-0-DBP     | E   |

LINE ITEM TOP DOCUMENT

MIN  
PART NUMBER REV DESCRIPTION

VARIATION REVISION LEVEL:

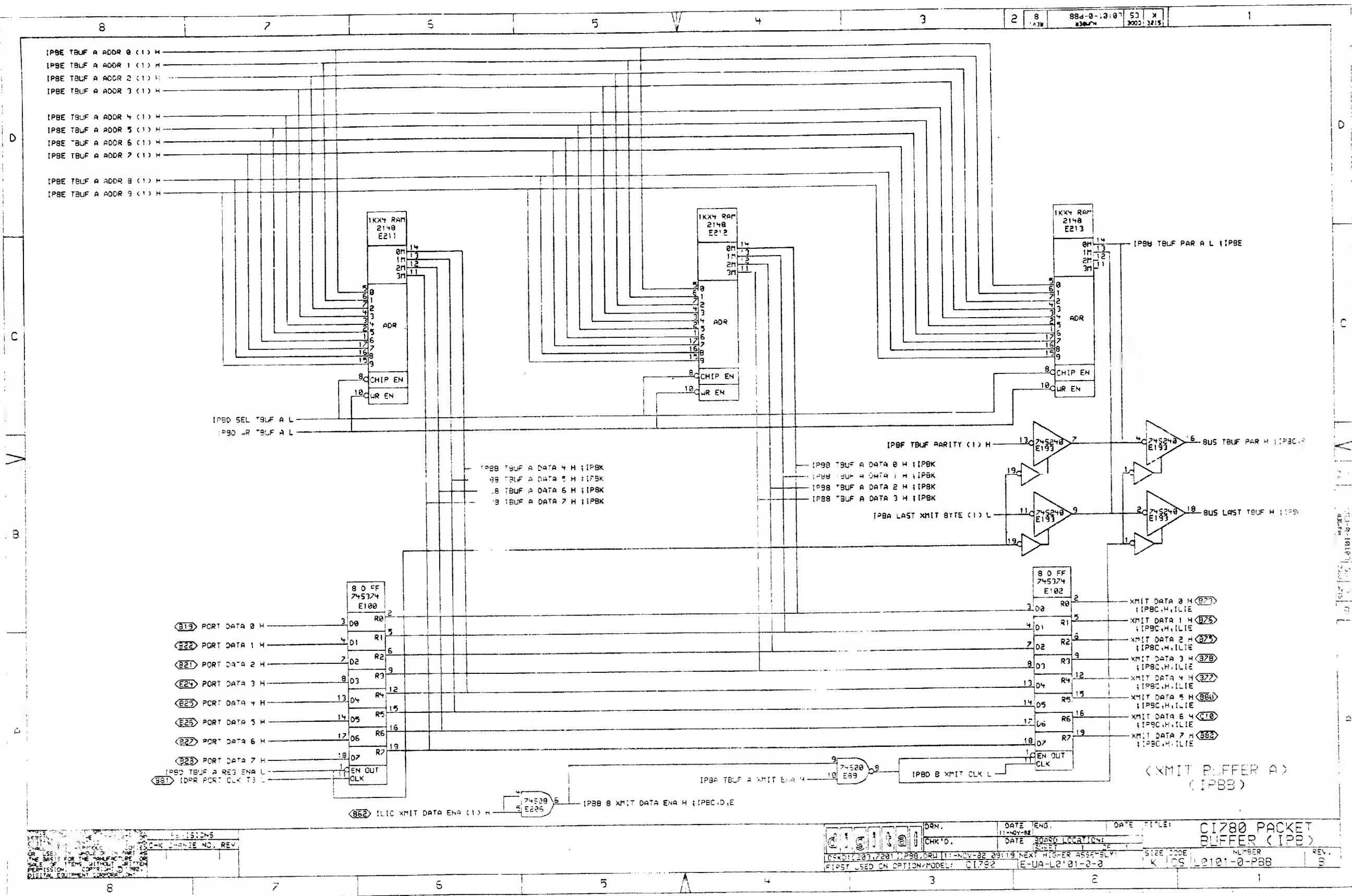
QTY PER VARIATION  
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E1

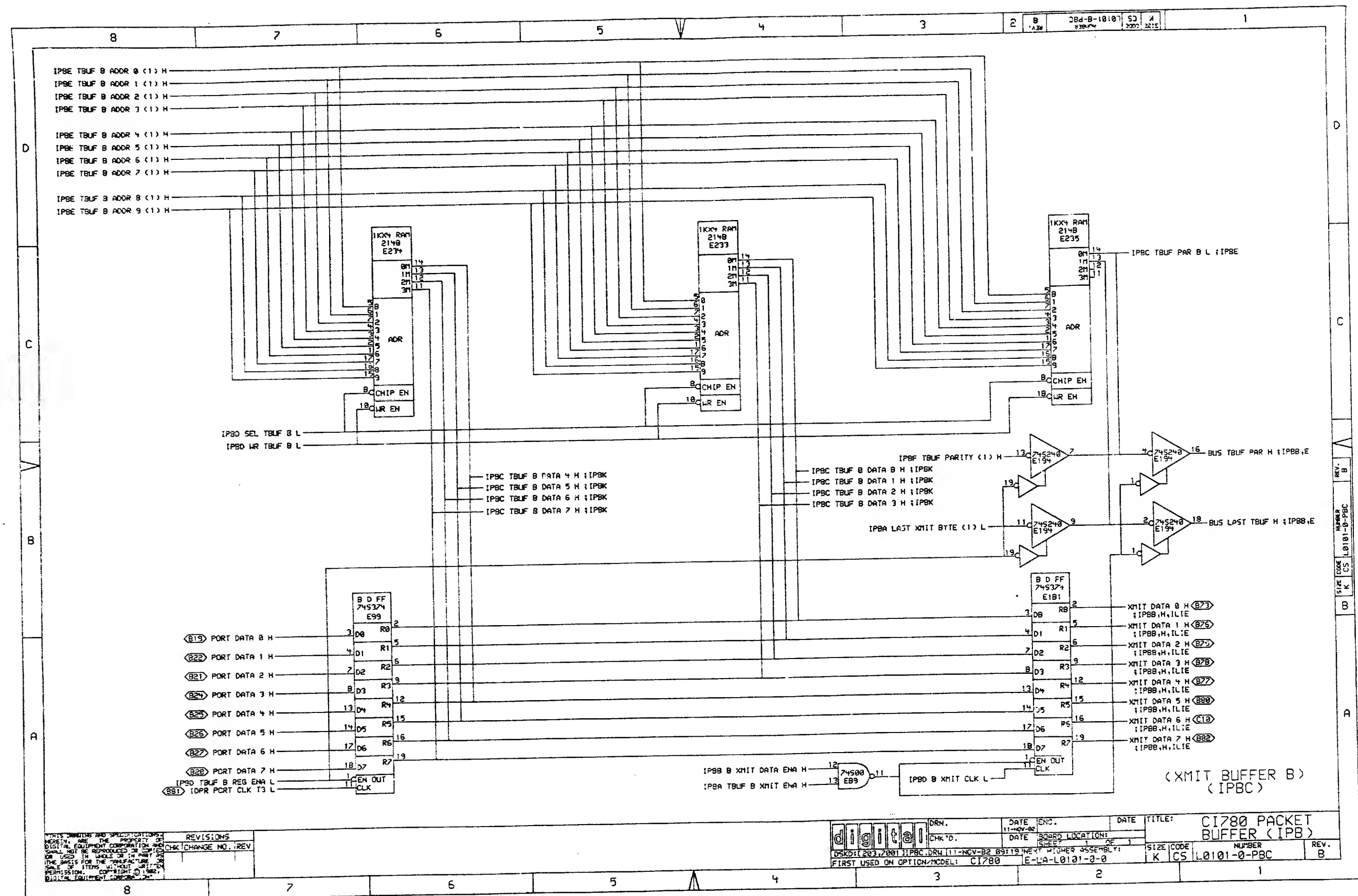
REFERENCE DESIGNATOR

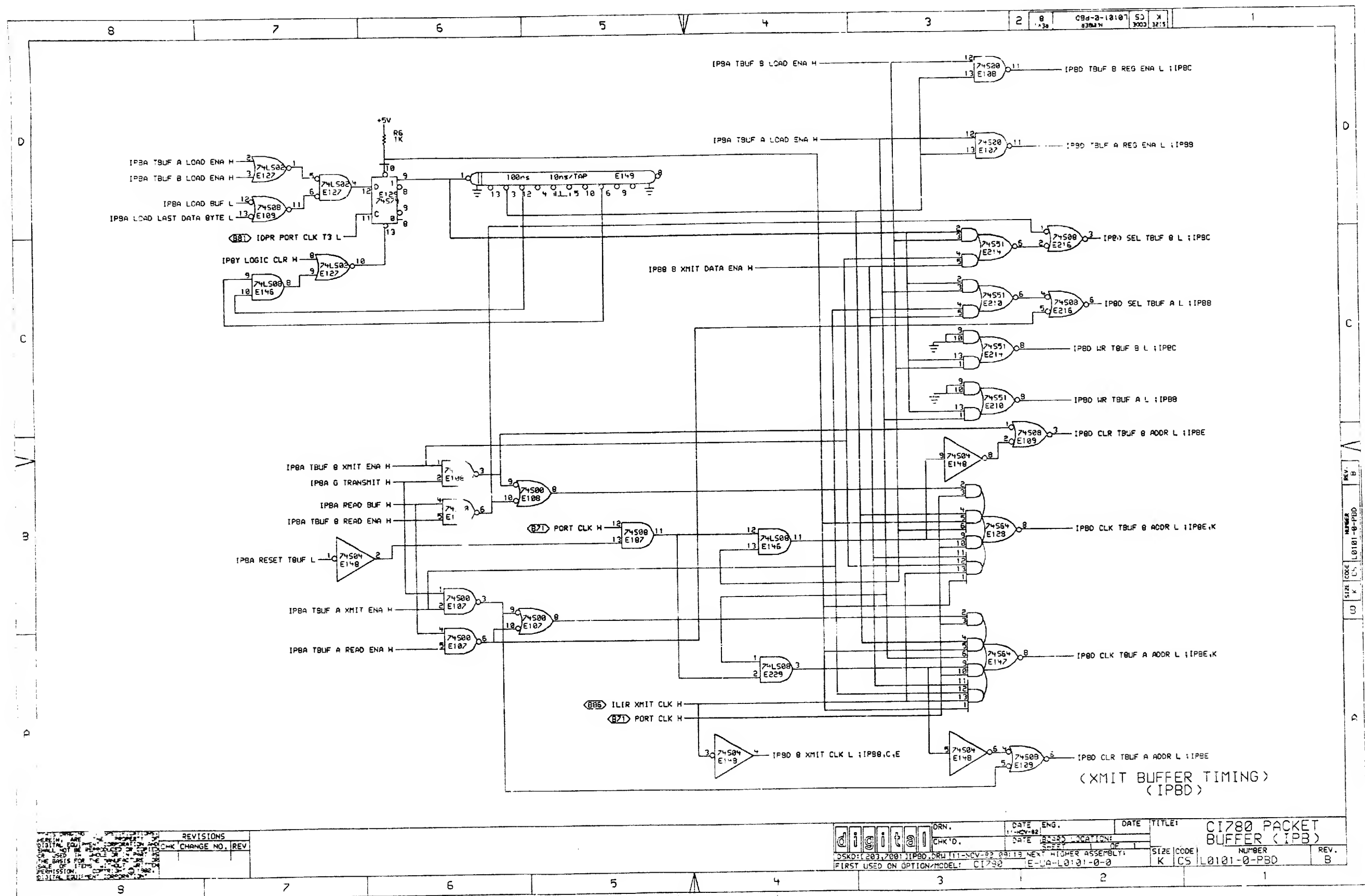
64 NOTE: 21-16957-03 CAN BE USED IN PLACE OF 21-16957-02

|               |  |  |  |                              |                |      |      |                 |     |
|---------------|--|--|--|------------------------------|----------------|------|------|-----------------|-----|
| D I G I T A L |  |  |  | TITLE                        | SECTION A OF A | SIZE | CODE | DOCUMENT NUMBER | REV |
|               |  |  |  | CI780 PACKET BUFFER<br>(IPB) |                | K    | PL   | L0101-0-DBP     | E   |

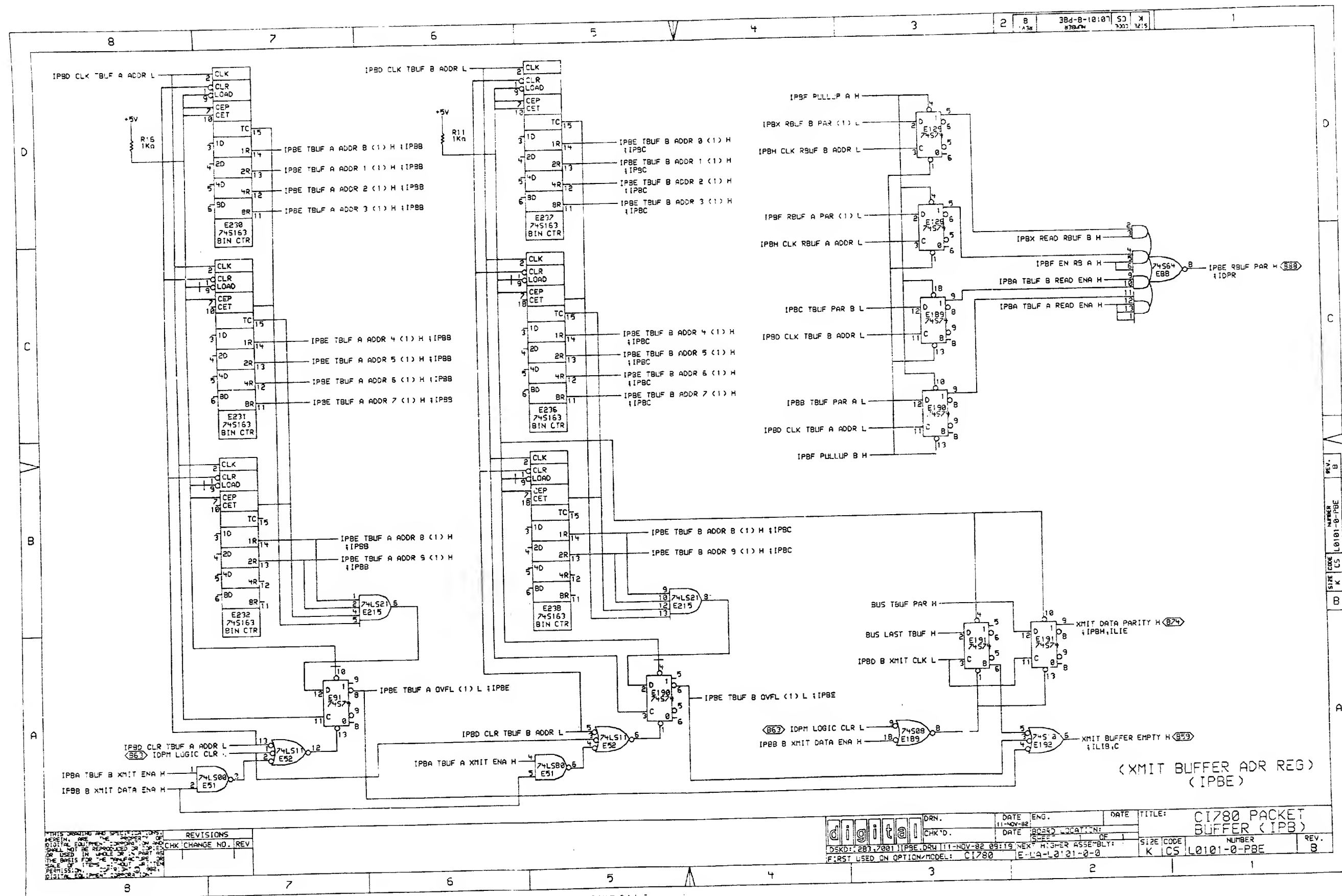


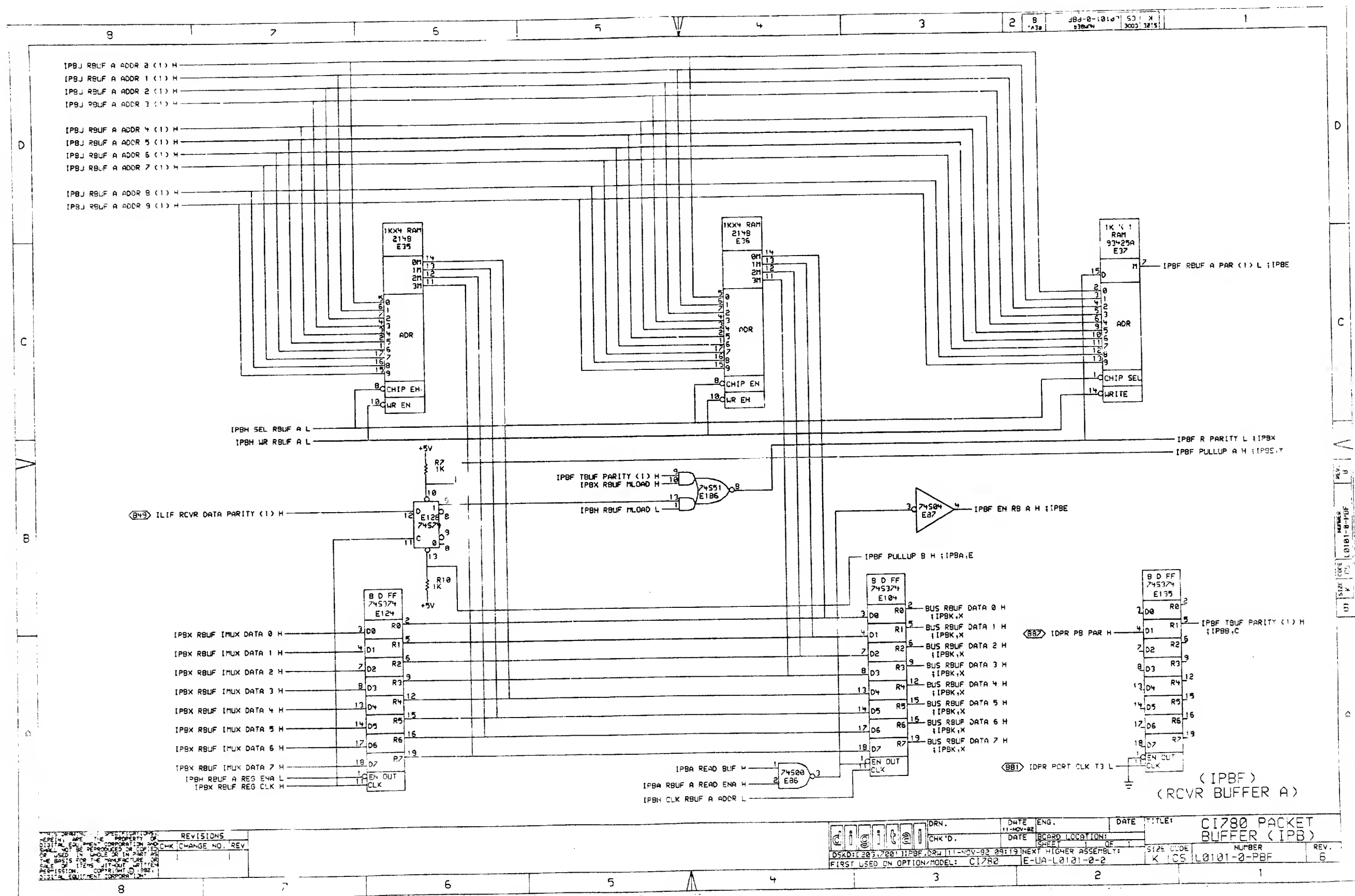




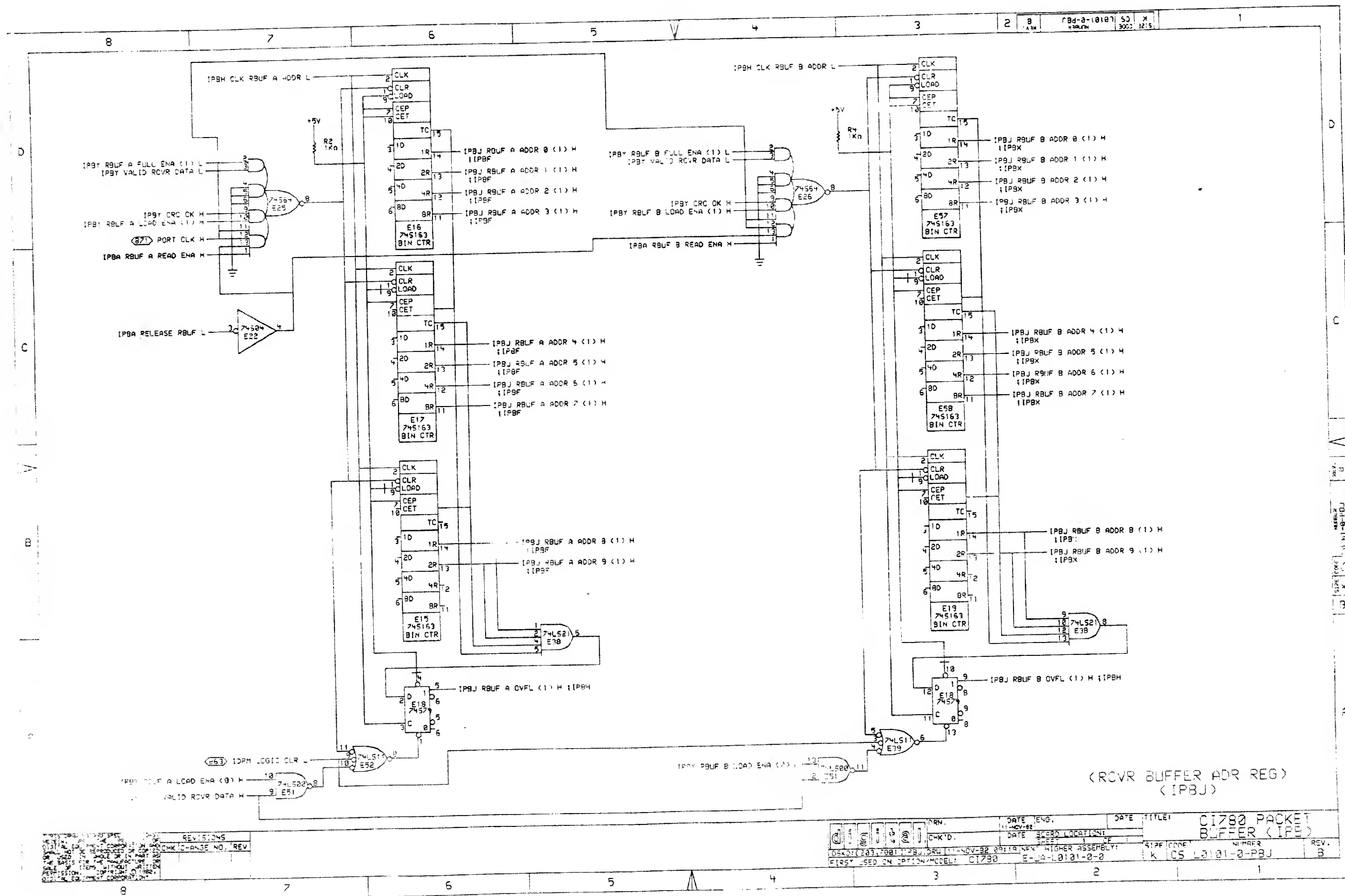


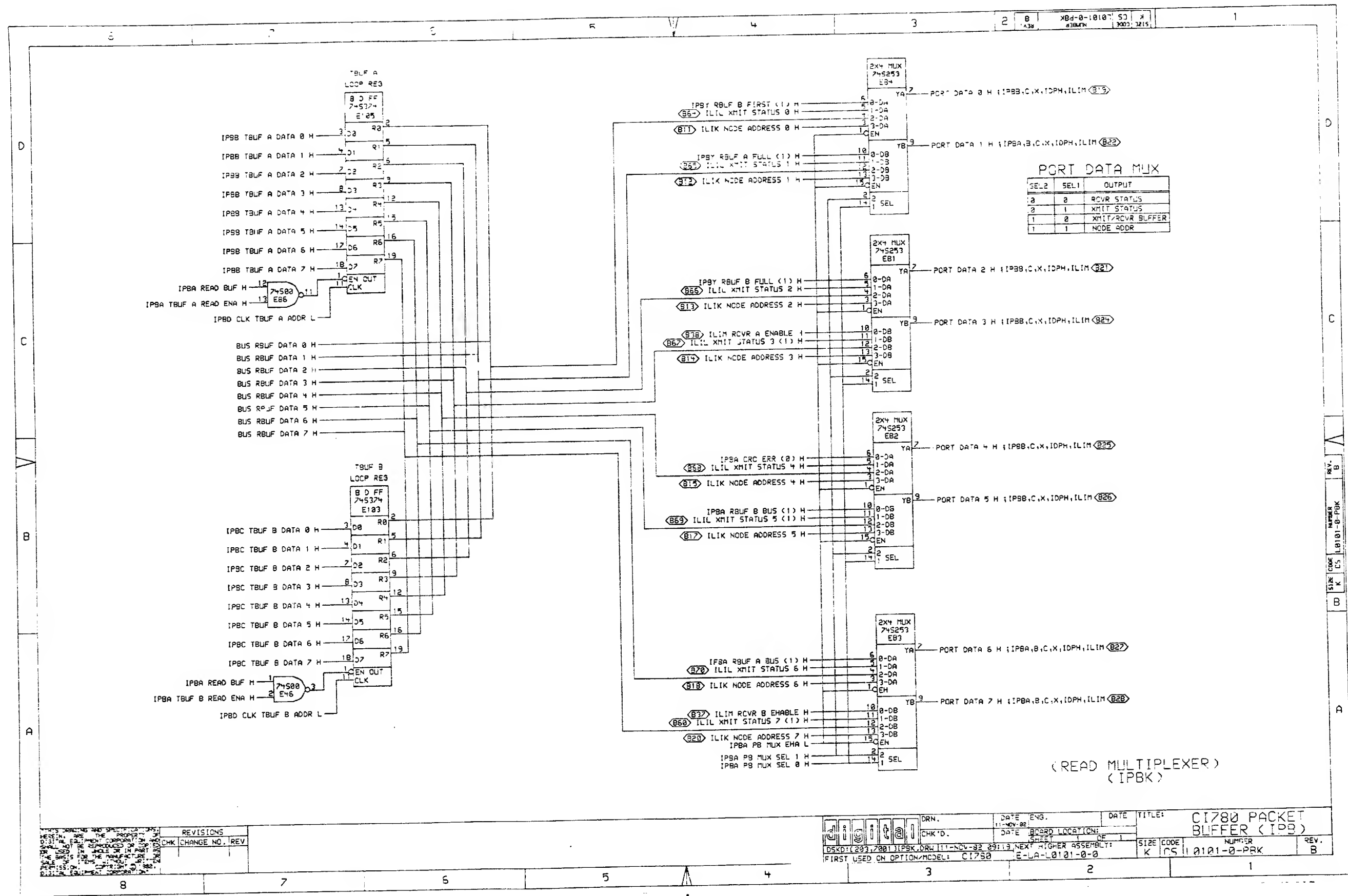








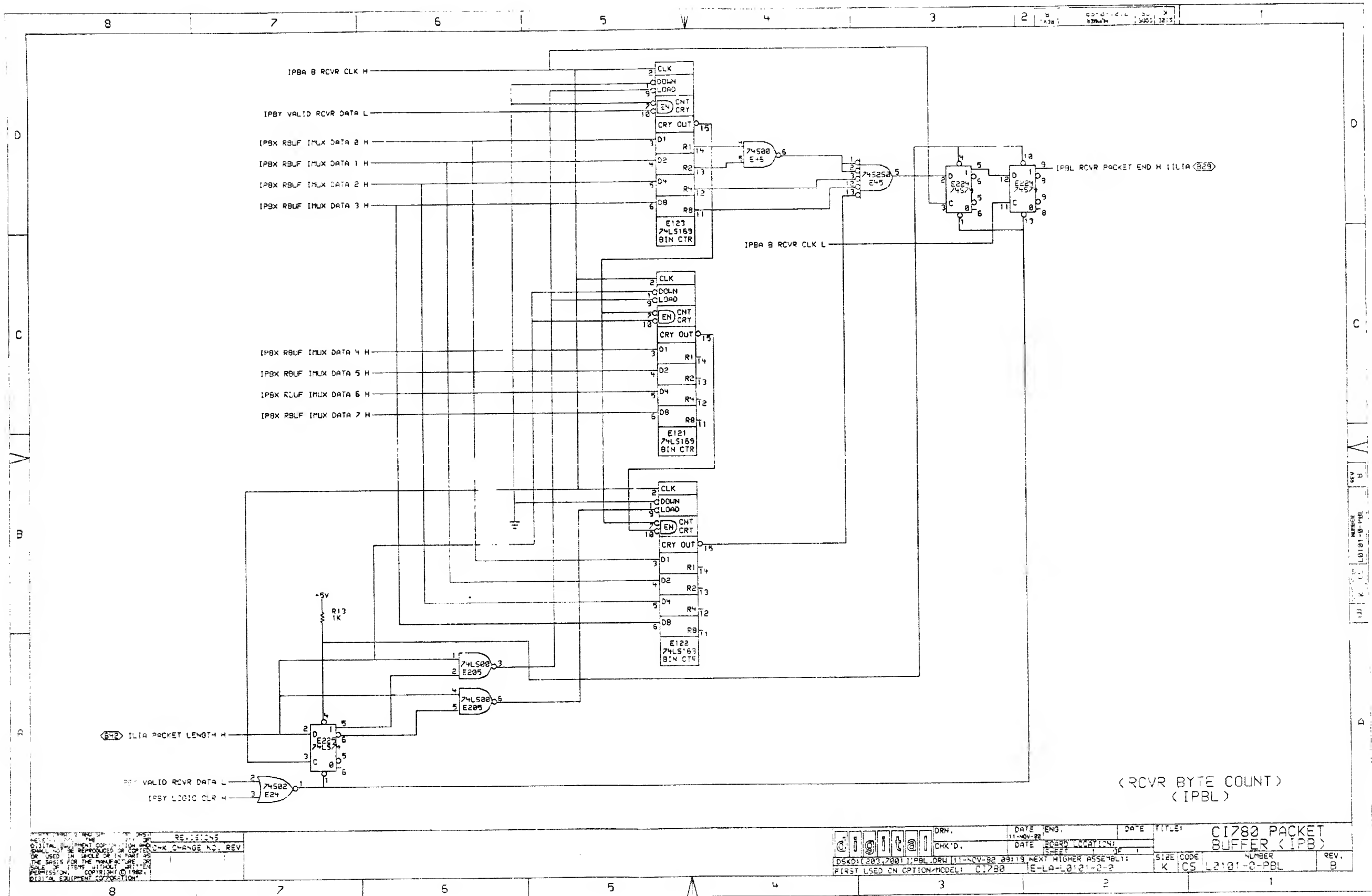




| PORT DATA MUX |      |                  |
|---------------|------|------------------|
| SEL2          | SEL1 | OUTPUT           |
| 0             | 0    | RCVR STATUS      |
| 0             | 1    | XMIT STATUS      |
| 1             | 0    | XMIT/RCVR BUFFER |
| 1             | 1    | NODE ADDR        |

| REVISIONS |            |     |
|-----------|------------|-----|
| CHK       | CHANGE NO. | REV |
|           |            |     |

|                                   |      |           |                           |                                      |      |             |      |
|-----------------------------------|------|-----------|---------------------------|--------------------------------------|------|-------------|------|
| DATE                              | ENG. | DATE      | TITLE                     | SIZE                                 | CODE | NUMBER      | REV. |
| 11-NOV-82                         |      | 11-NOV-82 | C1780 PACKET BUFFER (IPB) | K                                    | CS   | 10101-0-PRK | B    |
| FIRST USED ON OPTION MODEL: C1780 |      |           |                           | NEXT HIGHER ASSEMBLY: E-LA-L0101-0-0 |      |             |      |

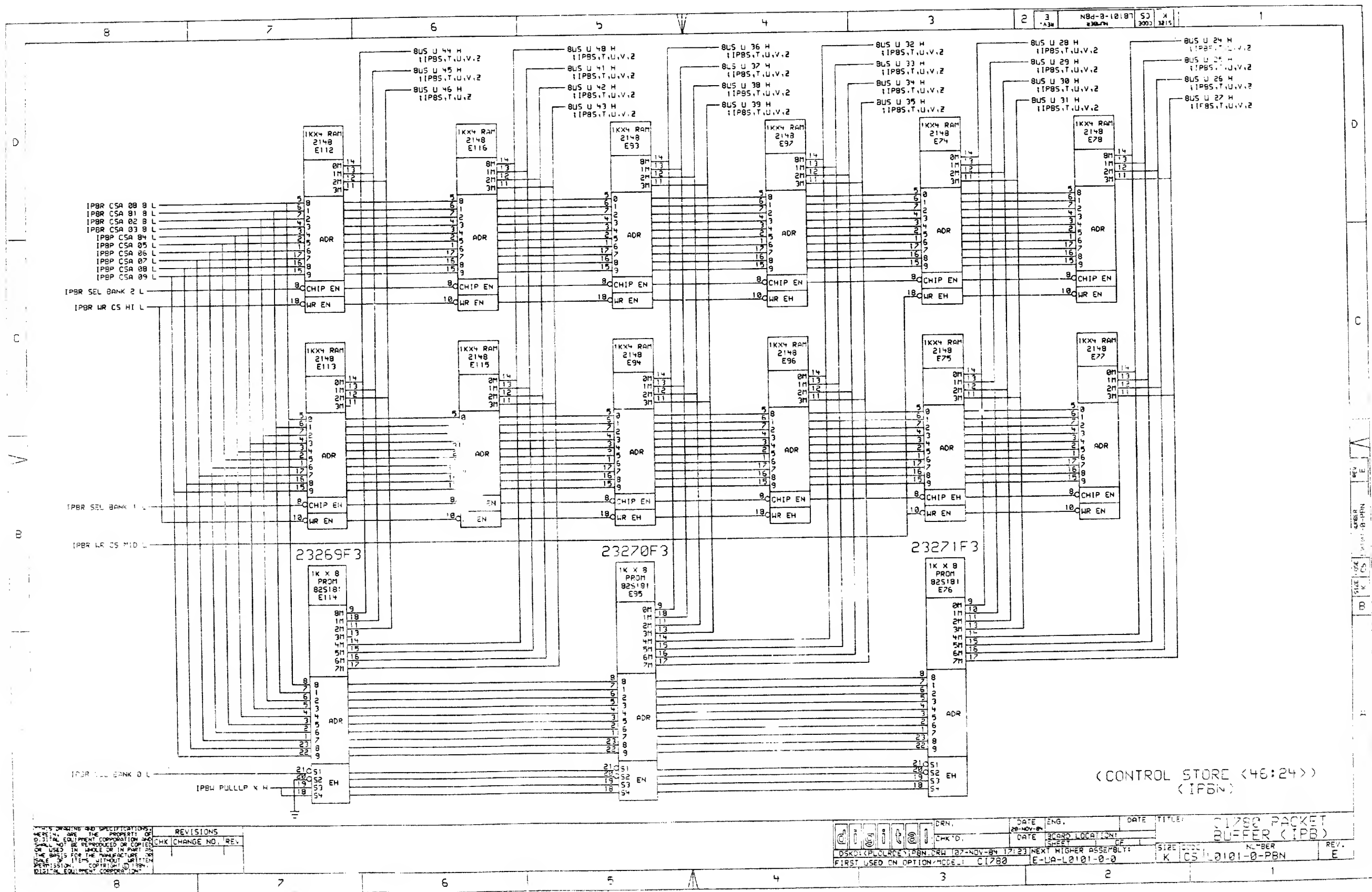


| REV. | DATE      | BY   | CHK    | CHANGE NO. | REV. |
|------|-----------|------|--------|------------|------|
| 1    | 11-NOV-82 | DRN. | CHK'D. | 1          | 1    |

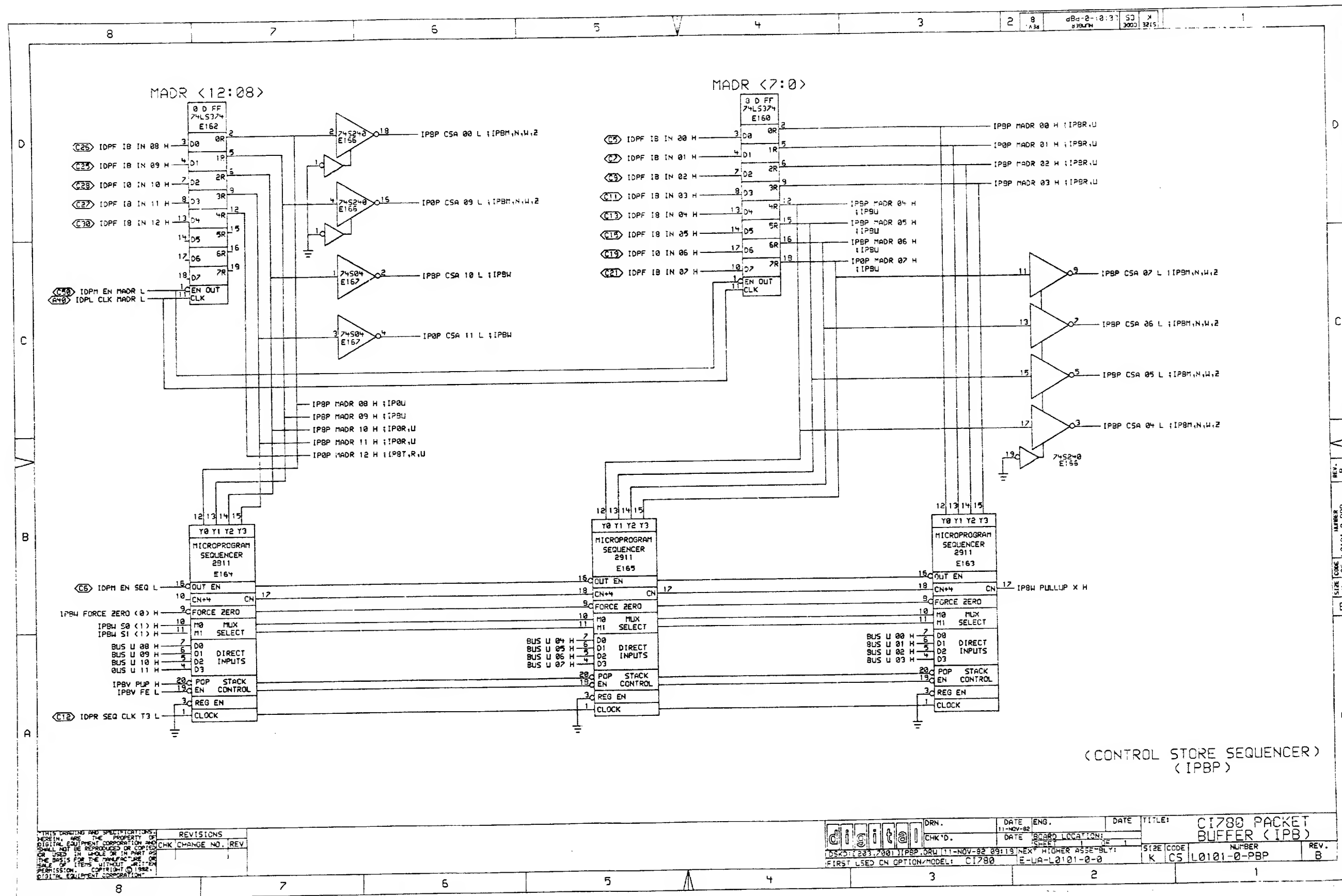
| DATE                              | ENG. | DATE      | TITLE                      | SIZE | CODE | NUMBER     | REV. |
|-----------------------------------|------|-----------|----------------------------|------|------|------------|------|
| 11-NOV-82                         | DRN. | 11-NOV-82 | CI780 PACKET BUFFER (IPBL) | K    | CS   | 2101-0-PBL | B    |
| FIRST USED ON OPTION MODEL: CI780 |      |           |                            |      |      |            |      |

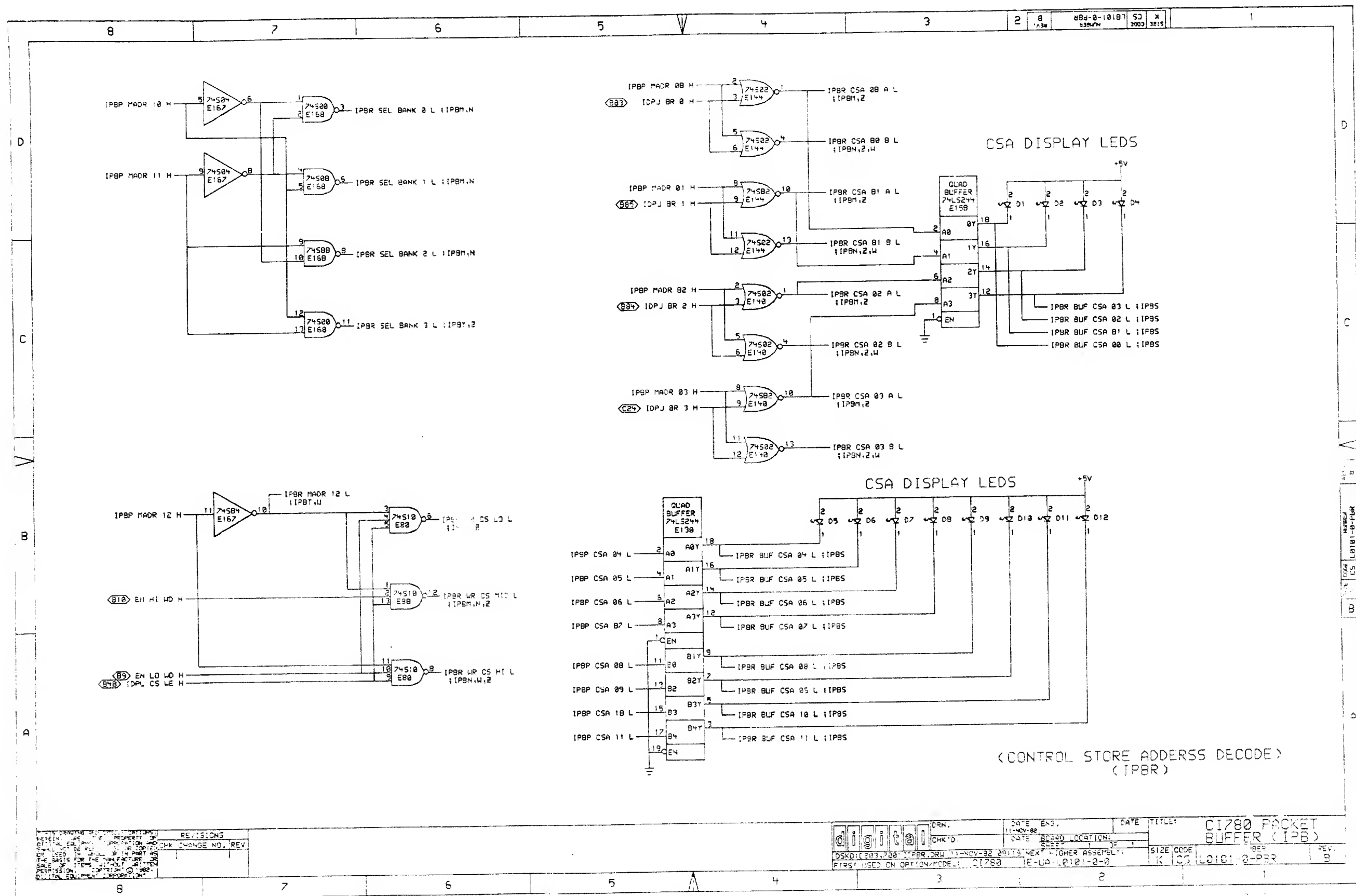




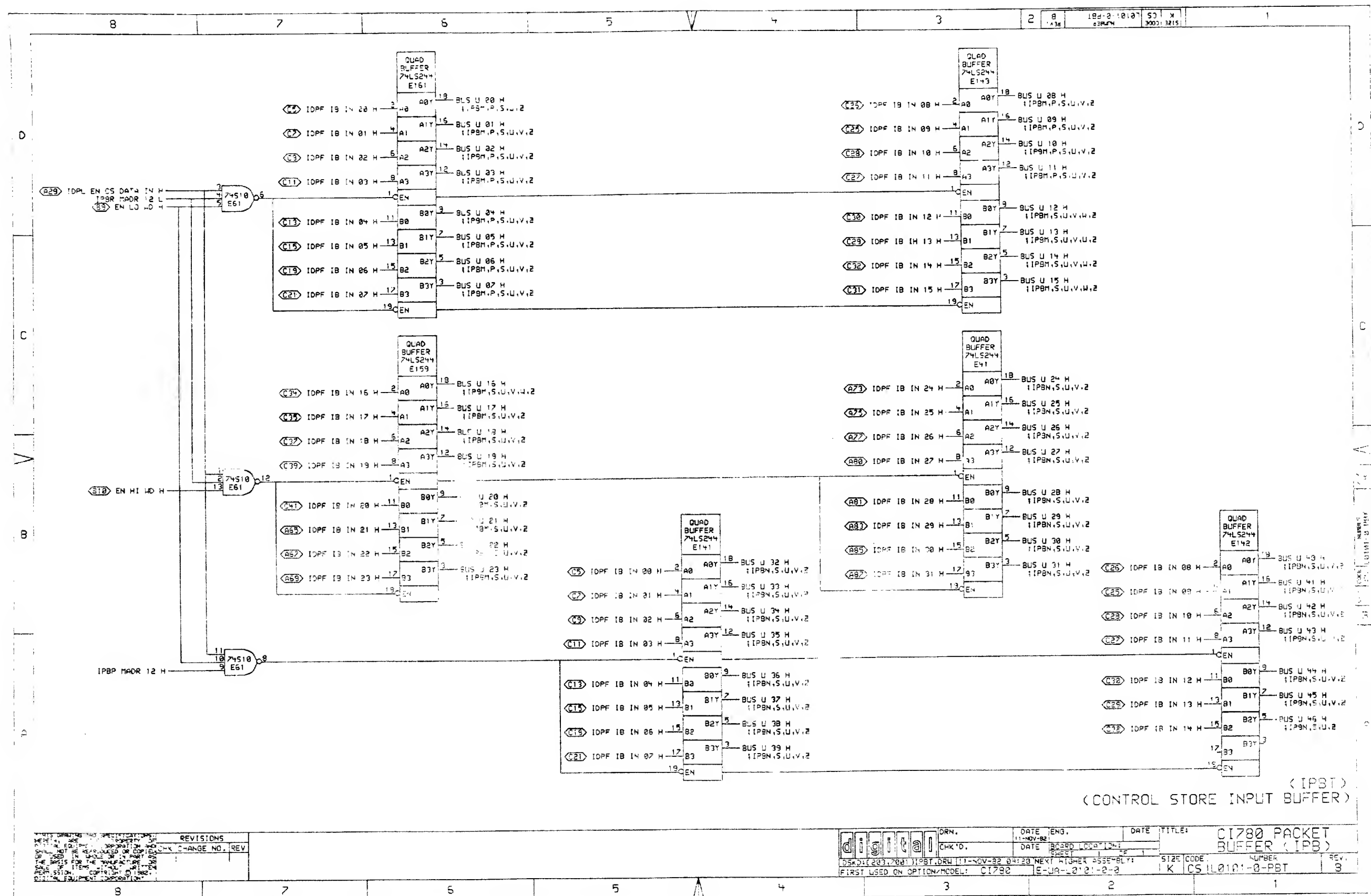












8

7

6

5

4

3

2

1

(A66) IDPL XBUS LSA 00 H

IPBR MADR 12 L

| MAINT MUX |      |           |
|-----------|------|-----------|
| SEL2      | SEL1 | OUTPUT    |
| 0         | 0    | CS<31180> |
| 0         | 1    | CS<47132> |
| 1         | 0    | MADR      |
| 1         | 1    | UNUSED    |

8

7

6

5

4

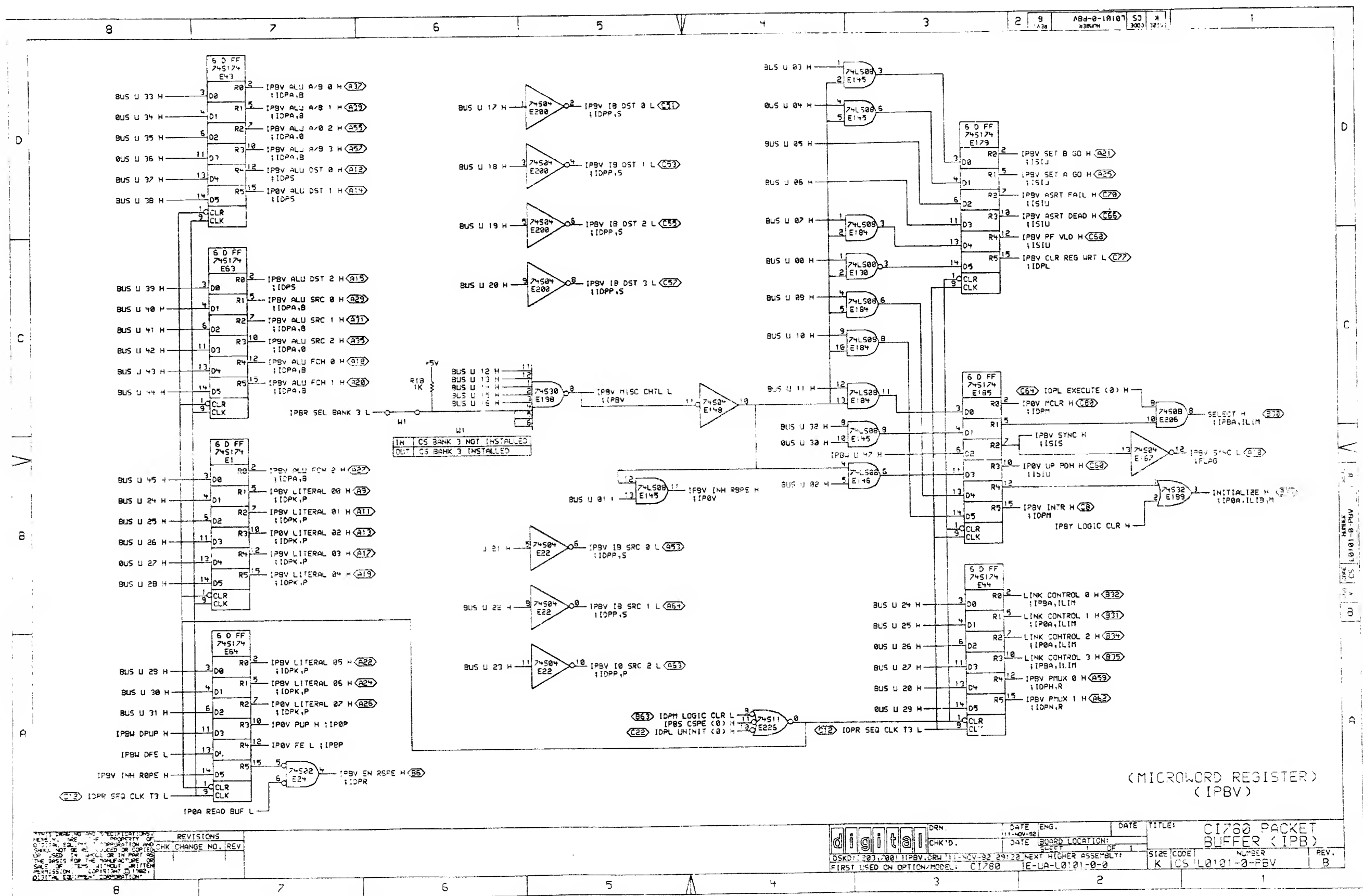
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2

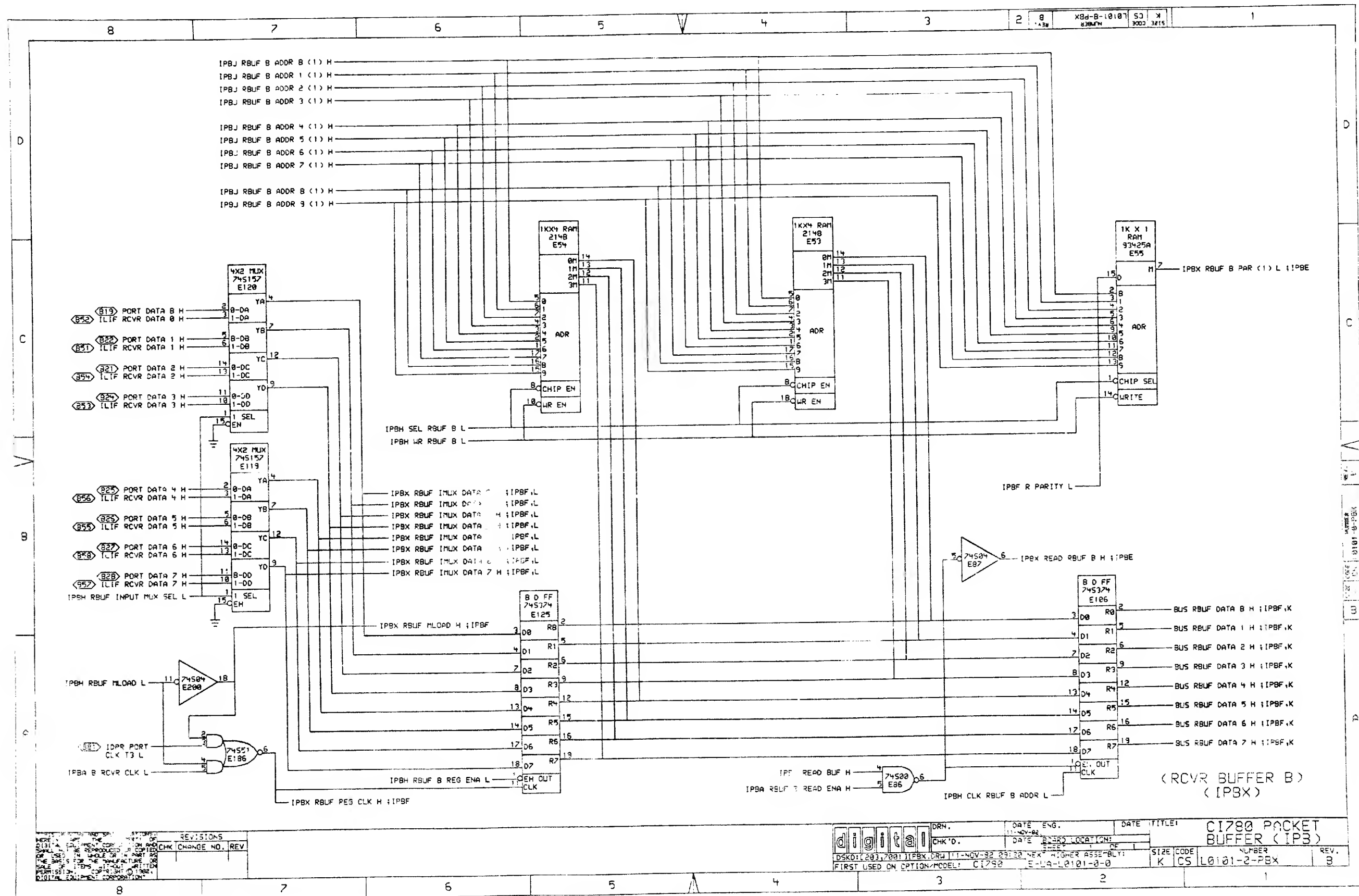
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| REVISIONS |                |
|-----------|----------------|
| CHG       | CHANGE NO. REV |
|           |                |

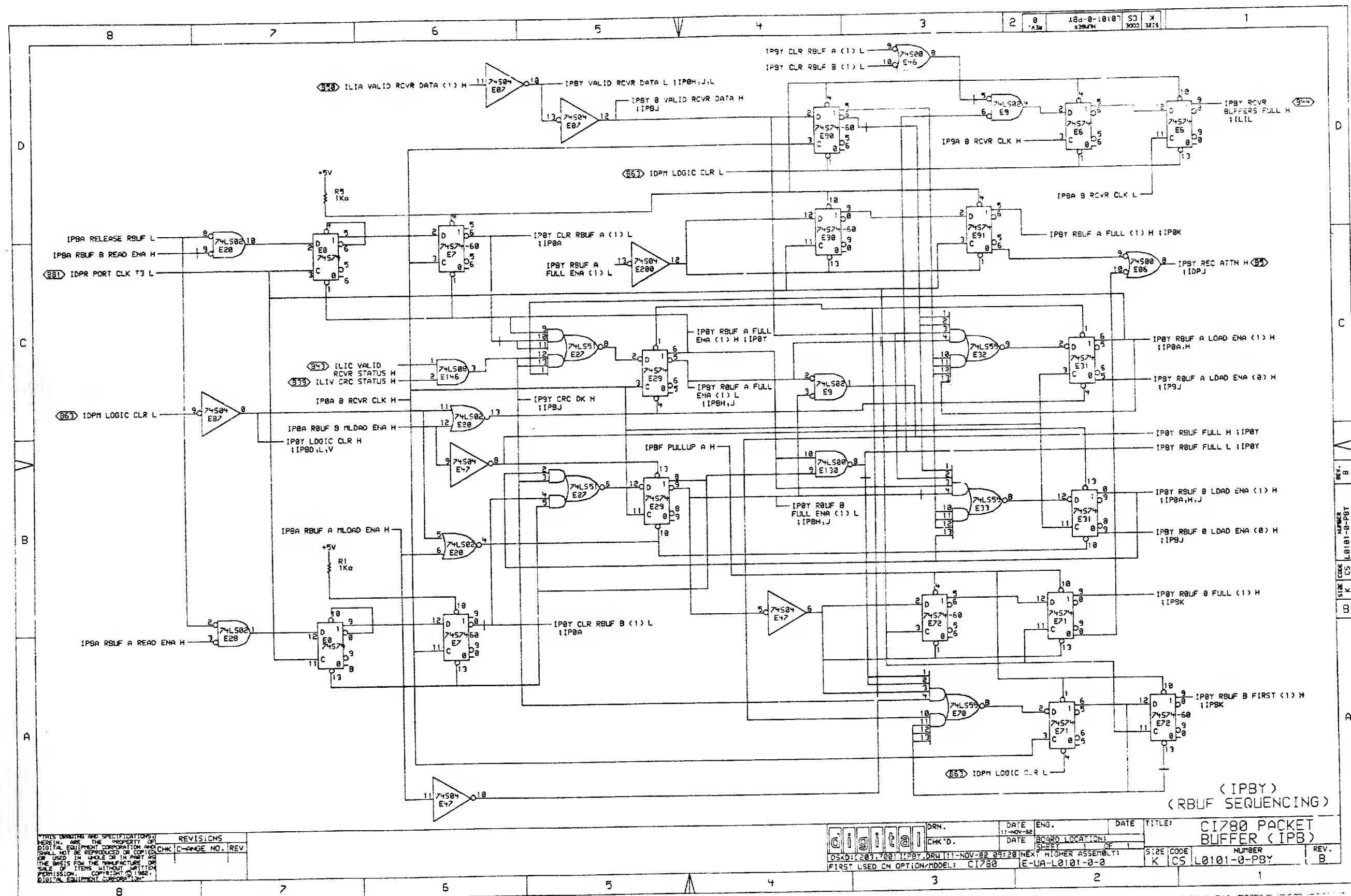
|                                   |  |                                      |           |      |      |                           |
|-----------------------------------|--|--------------------------------------|-----------|------|------|---------------------------|
| digital                           |  | DRN.                                 | DATE      | ENG. | DATE | TITLE                     |
| 55K01283, 7801 IPBU DRW           |  | CHK'D.                               | 11-NOV-82 |      |      | CI780 PACKET BUFFER (IPB) |
| FIRST USED ON OPTION/MODEL: CI780 |  | NEXT HIGHER ASSEMBLY: E-LA-L0101-0-0 |           | SIZE |      | NUMBER                    |
|                                   |  |                                      |           | K CS |      | L0101-0-PBU               |
|                                   |  |                                      |           | REV. |      | E                         |



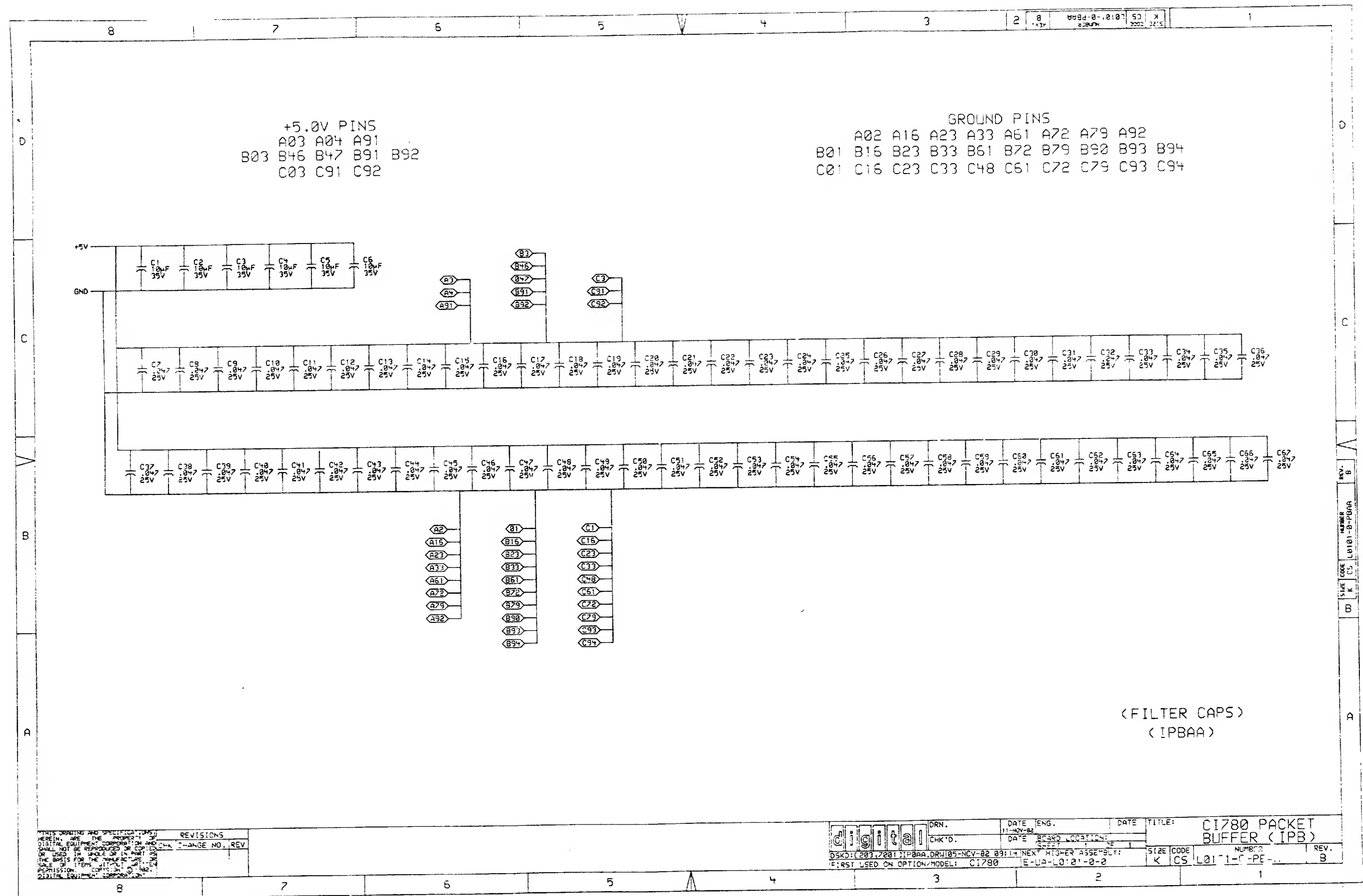




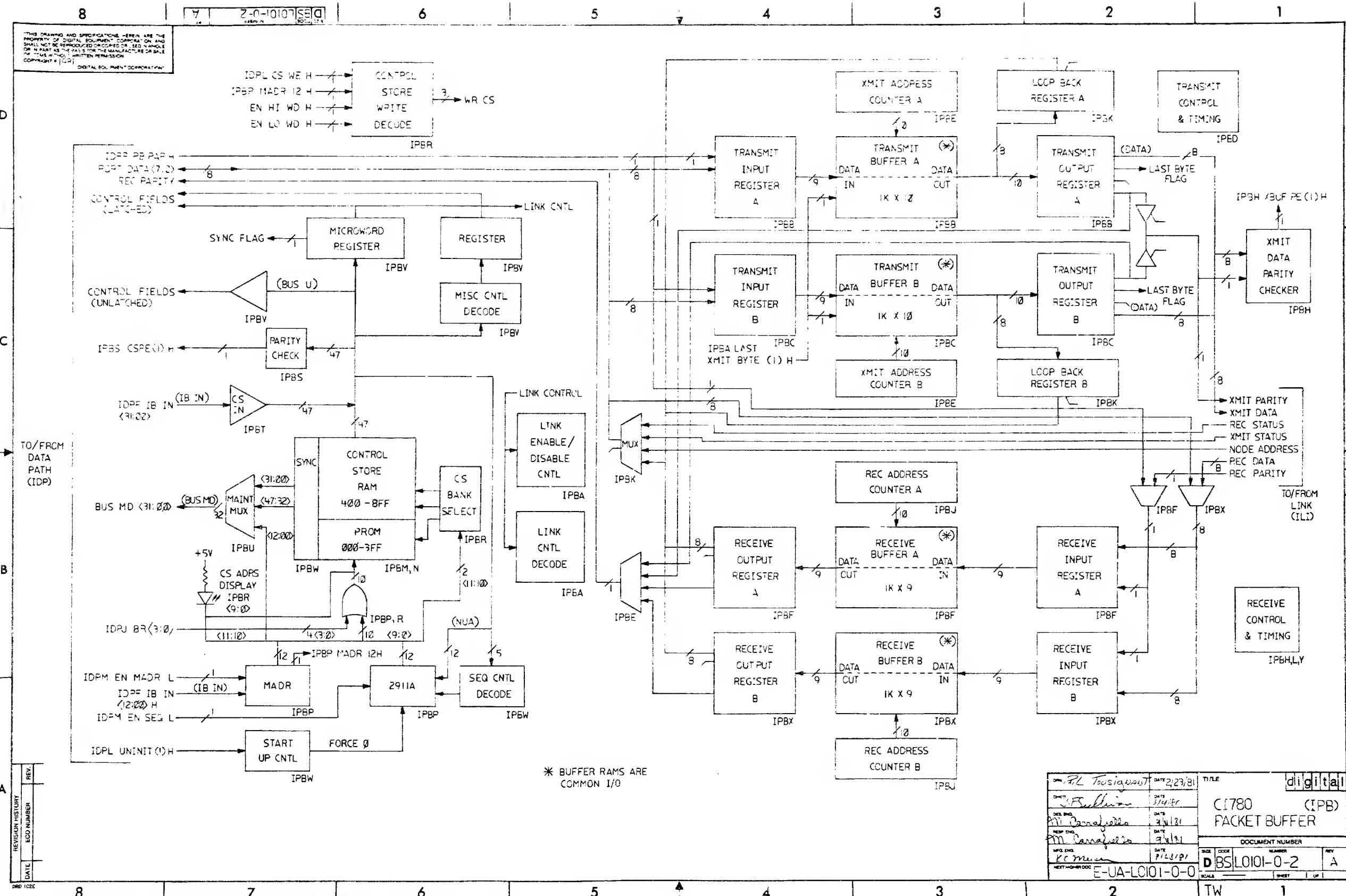












|           |                |       |         |
|-----------|----------------|-------|---------|
| DATE      | 2/23/81        | FILE  | digital |
| DESIGNER  | J. Sullivan    | DATE  | 3/4/81  |
| DESIGN    | M. Canale      | DATE  | 7/1/81  |
| REVIEW    | M. Canale      | DATE  | 7/1/81  |
| APPROVED  | K. Munn        | DATE  | 7/23/81 |
| NEXT WORK | E-UA-LO101-0-0 | SCALE | 1 OF 1  |

1780 (IPB) PACKET BUFFER

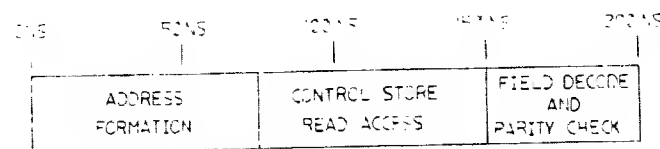
DOCUMENT NUMBER

D BSL0101-0-2

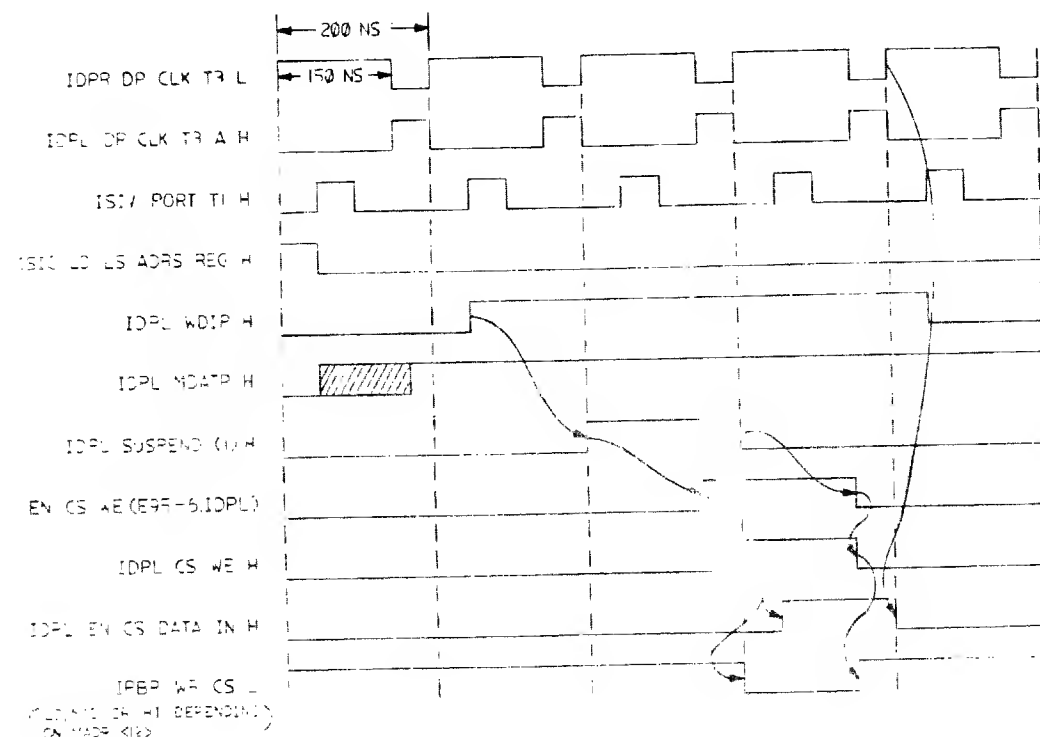
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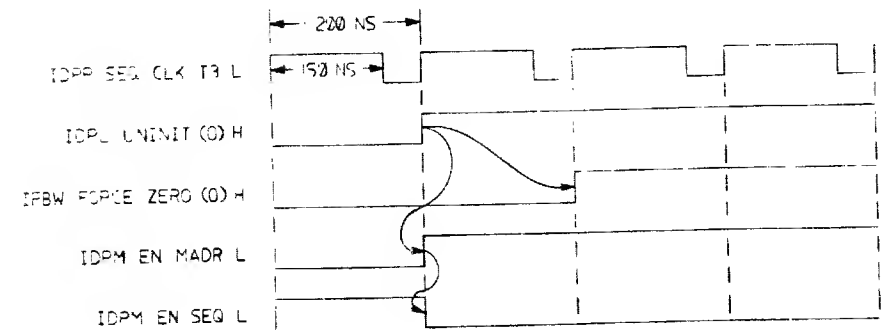
E-0-10101 C D



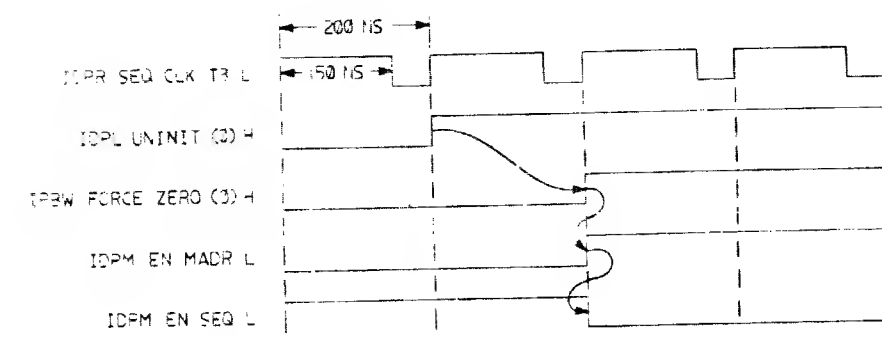
CONTROL STORE READ CYCLE



CONTROL STORE WRITE TIMING



MICROCODE START UP (PSA=0)  
(SEQUENCE IS FORCED TO 300 DURING FIRST MICROCODE EXECUTION CYCLE)

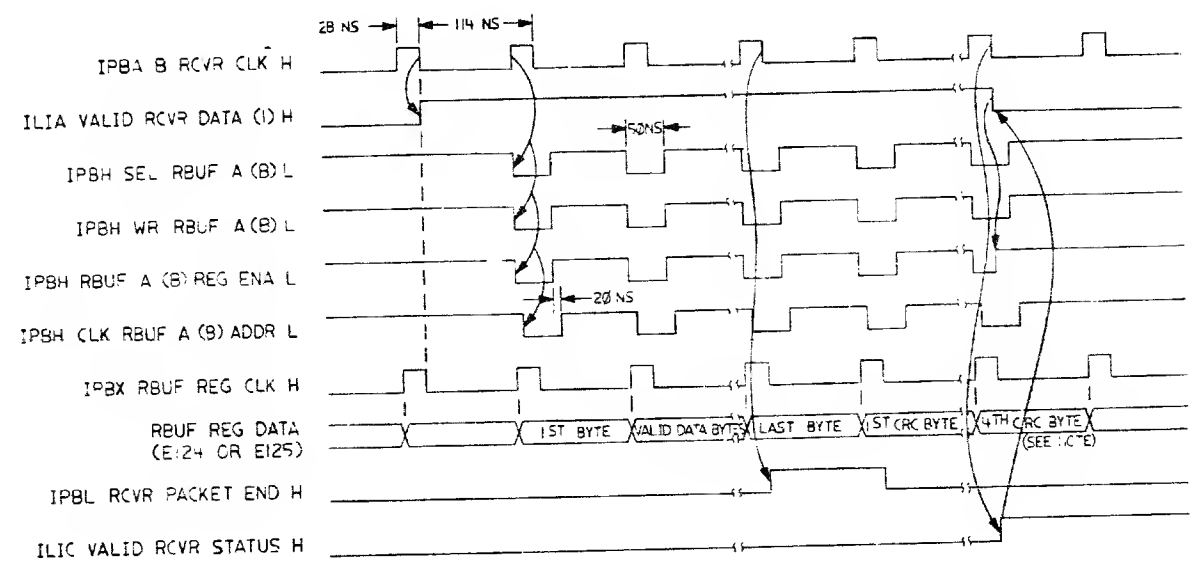


MICROCODE START UP (PSA=1)  
(MADR IS ADDRESS SOURCE DURING FIRST MICROCODE EXECUTION CYCLE)

|                |  |                 |  |
|----------------|--|-----------------|--|
| DATE 4/22/81   |  | TITLE digital   |  |
| DATE 5/2/81    |  | CI780 (IPB)     |  |
| DATE 9/11/81   |  | PACKET BUFFER   |  |
| DATE 9/11/81   |  | DOCUMENT NUMBER |  |
| DATE 9/11/81   |  | D TD LO101-0-2  |  |
| E-0A-LO101-0-0 |  | REV 1           |  |

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NOTE:  
1. THE FOURTH CRC BYTE IS NOT WRITTEN INTO THE RECEIVE BUFFER BECAUSE IPBH RBUF A OR B REG ENA L IS NOT VALID FOR THE ENTIRE WRITE CYCLE.



RECEIVER BUFFER WRITE TIMING  
FOR LINK → BUFFER LOAD

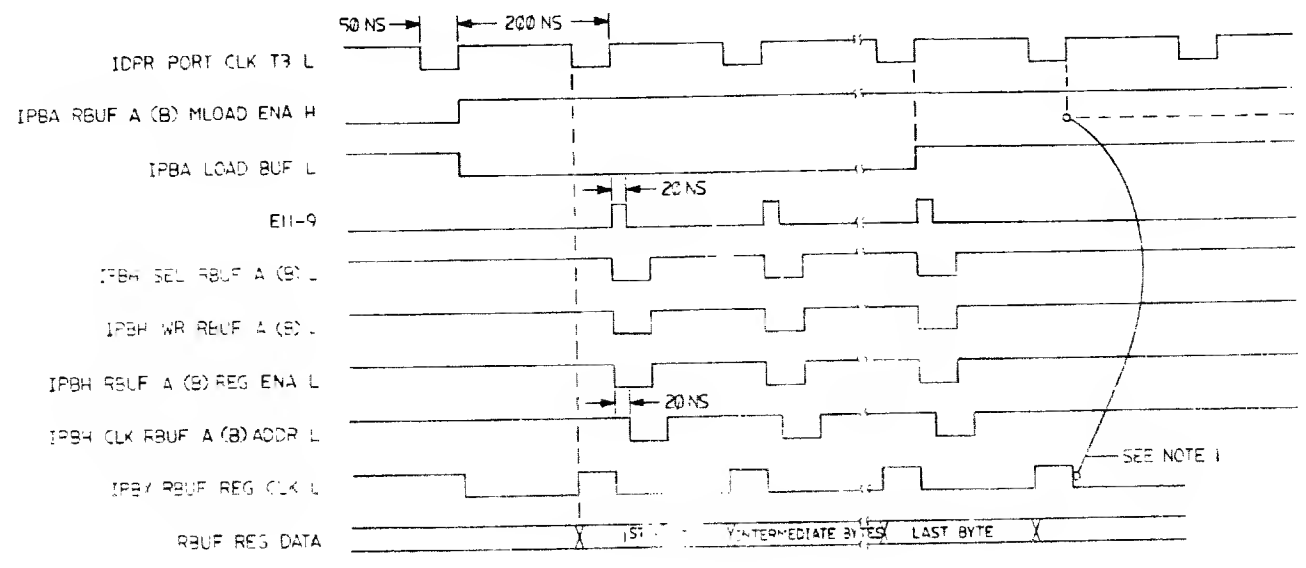
| REVISION HISTORY |            |     |
|------------------|------------|-----|
| DATE             | ECO NUMBER | REV |
|                  |            |     |

TITLE  
CI780  
PACKET BUFFER (IPB)

| DOCUMENT NUMBER |      |           |
|-----------------|------|-----------|
| SIZE            | CODE | NUMBER    |
| D               | TD   | LO101-0-3 |
| SHEET 2 OF 4    |      |           |

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NOTE:  
1. IPBX RBUF REG CLK L SOURCE IS DERIVED FROM IPBA B PCVR CLK L WHEN IPBA RBUF A(OR B) MLOAD ENA H IS FALSE.



RECEIVER BUFFER MLOAD TIMING

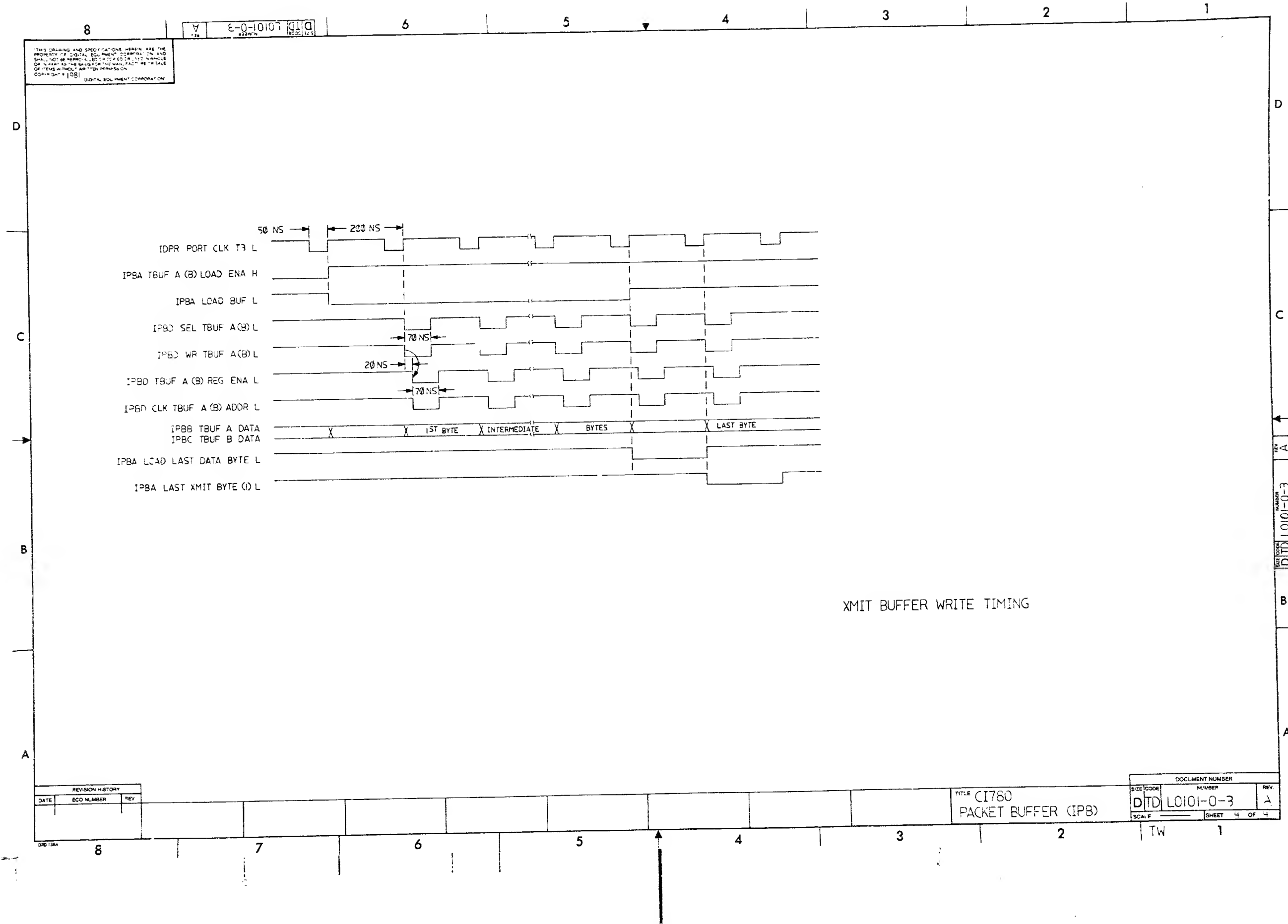
| REVISION HISTORY |            |     |
|------------------|------------|-----|
| DATE             | EDT NUMBER | REV |
|                  |            |     |

TITLE C1780  
PACKET BUFFER (IPB)

| DOCUMENT NUMBER |           |       |
|-----------------|-----------|-------|
| SIZE CODE       | NUMBER    | REV   |
| D1TD            | LO101-0-3 | A     |
| SCALE           | SHEET 3   | OF 11 |



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XMIT BUFFER WRITE TIMING

| REVISION HISTORY |            |     |
|------------------|------------|-----|
| DATE             | ECO NUMBER | REV |
|                  |            |     |

| DOCUMENT NUMBER |              |     |
|-----------------|--------------|-----|
| SIZE/TYPE       | NUMBER       | REV |
| DTD             | LO101-0-3    | A   |
| SCALE           | SHEET 4 OF 4 |     |



[illegible]

|      |    |         |      |
|------|----|---------|------|
| SIZE | DD | NUMBER  | REV. |
| B    | DD | LO100-0 | D    |

[illegible]

**NOTES:**

[illegible]

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**USED ON OPTION/MODEL**

|       |
|-------|
| CI780 |
| CI750 |
| HSC50 |
| CI20  |

|       |                |         |
|-------|----------------|---------|
| DBN.  | Thomas F Walsh | 9-22-82 |
| CHK'D | Thomas F Walsh | 9-22-82 |
| ENG.  |                |         |
| PROD. |                |         |

2 TITLE INTERPRESSOR  
2 LINK INTERFACE

|                            |                   |                          |                 |
|----------------------------|-------------------|--------------------------|-----------------|
| SIZE<br><b>B</b>           | CODE<br><b>DD</b> | NUMBER<br><b>LO:00-0</b> | REV<br><b>D</b> |
| SHEET <b>3</b> OF <b>3</b> |                   |                          |                 |



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REWORK INSTRUCTIONS

WIRE ADDS SIDE 1 LO00-TW002

2-4 ADD WIRE FROM E45-4 TO E137-2

2-4 ADD WIRE FROM E107-8 TO E157-13

2-5 ADD WIRE FROM E184-6 TO E184-9

ECO\*3

WIRE ADDS SIDE 1

3-18 FROM PTH TO THE LEFT OF E40-6 TO PTH ABOVE E41-11

3-19 FROM E41-13 TO E41-14

3-20 FROM E06-10 TO E41-12

3-21 FROM E105-11 TO E108-1

3-22 FROM E41-8 TO E126-11

3-23 FROM E178-4 TO E178-8

3-24 FROM E178-8 TO E99-16

3-25 FROM E178-6 TO E93-9

3-26 FROM E178-9 TO E65-2

3-27 FROM E178-10 TO E178-11

3-28 FROM E178-10 TO E126-8

3-29 FROM E93-9 TO E49-5

3-30 FROM E122-2 TO E122-3

3-31 FROM E122-3 TO E102-2

3-32 FROM E122-1 TO E102-5

3-33 FROM E20-2 TO E103-12

3-34 PTH ABOVE E2-16 TO E65-1

3-35 FROM E65-2 TO E65-3

3-36 FROM E52-6 TO E65-2

COMPONENT DELETE SIDE 1

3-37 E48 (23-058K3-00)

COMPONENT ADD SIDE 1

3-38 E48 (23-091K3-00)

| REVISION HISTORY |            |     |
|------------------|------------|-----|
| DATE             | ECO NUMBER | REV |
|                  |            |     |
|                  |            |     |

TITLE  
INTERPROCESSOR  
LINK INTERFACE

| DOCUMENT NUMBER |  |
|-----------------|--|
|                 |  |
|                 |  |
|                 |  |



| LINE ITEM |    | TOP DOCUMENT | PART NUMBER | MIN REV | DESCRIPTION                    | QTY                       | PER VARIATION | REFERENCE DESIGNATOR                  |
|-----------|----|--------------|-------------|---------|--------------------------------|---------------------------|---------------|---------------------------------------|
|           |    |              |             |         |                                | 00                        |               |                                       |
|           |    |              |             |         |                                | VARIATION REVISION LEVEL: |               |                                       |
| 1         | 1  |              | 5014430-00  |         | L0100 ETCH BOARD               | 1                         |               |                                       |
| 2         | 78 |              | 1001610-00  |         | .01 MFD 50V +80-20% Z5U CER    | 45                        |               | C300-C308,C313,C400-C434              |
| 3         | 2  |              | 1001739-00  |         | 27.0 MMF 100V 5%200PPM MICA    | 1                         |               | C312                                  |
| 4         | 3  |              | 1011740-01  |         | 3300.0 MMF 50V 10% CER         | 3                         |               | C309-C311                             |
| 5         | 9  |              | 1012784-00  |         | .047 MFD 50V +80-20% CER       | 42                        |               | C500-C538,C550,C551,C539              |
| 6         | 90 |              | 1017472-00  |         | 10 MFD 35V +75-10% AL EL       | 8                         |               | C700-C707                             |
| 7         | 4  |              | 1109517-00  |         | PIV= 75 IO=150 MA - 4NS 1N914B | 4                         |               | D1-D4                                 |
| 8         | 98 |              | 1117373-00  |         | LED ASSY GREEN                 | 1                         |               | D998                                  |
| 9         | 99 |              | 1117373-01  |         | LED ASSY RED                   | 1                         |               | D999                                  |
| 10        | 5  |              | 1217310-05  |         | SW,DIP 8POS/1PST 5VDC100MA S   | 2                         |               | S1,S2                                 |
| 11        | 6  |              | 1216988-02  |         | HANDLE,MODULE,HEX TWO EJECTORS | 1                         |               |                                       |
| 12        | 7  |              | 1300005-01  |         | R NETWORK 13-1K 5.0 % 14PIN    | 1                         |               | E78                                   |
| 13        | 8  |              | 1300005-07  |         | R NETWORK 15-4.7K 5.0 % 16PIN  | 2                         |               | E19,E56                               |
| 14        | 9  |              | 1300250-00  |         | 150.0 .25 W 5.0 % CF           | 7                         |               | R17,R18,R28,R55,R56,R107,R108         |
| 15        | 10 |              | 1300295-00  |         | 330.0 .25 W 5.0 % CF           | 2                         |               | R44,R45                               |
| 16        | 11 |              | 1300365-00  |         | 1.0 K .25 W 5.0 % CF           | 40                        |               | R1-R5,R7-R11,R14-R16,R19-R26,         |
|           |    |              |             |         |                                |                           | CONT          | R29,R30,R32-R36,R42,R43,R46,R51,      |
|           |    |              |             |         |                                |                           | CONT          | R54,R593,R27,R31,R37,R38-R40          |
|           |    |              |             |         |                                |                           |               | R12,R13                               |
| 17        | 18 |              | 1300447-00  |         | 4.70 K .25 W 5.0 % CF          | 2                         |               | R79,R80,R159,R190                     |
| 18        | 12 |              | 1301425-00  |         | 300.0 .25 W 5.0 % CF           | 4                         |               | R47,R48,R135,R136                     |
| 19        | 13 |              | 1301781-00  |         | 82.0 .50 W 5.0 % CF            | 4                         |               | R6                                    |
| 20        | 14 |              | 1302602-00  |         | 56.0 .25 W 5.0 % CF            | 1                         |               | R50,R53,R58,R60,R61,R63,R66,R67,      |
| 21        | 15 |              | 1302956-00  |         | 196.0 .25 W 1.0 % RN55D-F10    | 103                       |               | CONT R69,R72,R74,R75,R77,R81,R83,R86, |
|           |    |              |             |         |                                |                           | CONT          | R88,R90,R92,R93,R96,R97,R100,         |
|           |    |              |             |         |                                |                           | CONT          | R102,R104,R106,R109,R111,R113,        |
|           |    |              |             |         |                                |                           | CONT          | R115,R118,R120,R121,R124,R126,        |
|           |    |              |             |         |                                |                           | CONT          | R128,R129,R132,R133,R137,R139,        |
|           |    |              |             |         |                                |                           | CONT          | R142,R146,R148,R150,R152,R154,        |
|           |    |              |             |         |                                |                           | CONT          | R155,R158,R164,R166,R169,R170,        |

|                  |             |     |                         |  |                       |                      |                         |      |             |
|------------------|-------------|-----|-------------------------|--|-----------------------|----------------------|-------------------------|------|-------------|
| REVISION HISTORY |             |     | BASIC PART NO: L0100    |  | DRN: J.CASEY          | DATE: 24-JUN-81      | D I G I T A L           |      |             |
| ENG              | ECO NUMBER  | REV | SECTION A OF A          |  | CHK'D: E.T.GERRY      | DATE: 24-JUN-81      | TITLE PARTS LIST        |      |             |
| ---              | INITIAL     | A   | SECTION VARIATION INDEX |  | DES.ENG: J.BUZYNSKI   | DATE: 28-SEP-81      | DOCUMENT NUMBER         |      |             |
| JB               | L0100-TW001 | B   | [A] 00                  |  | RESP.ENG.: J.BUZYNSKI | DATE: 28-SEP-81      | SIZE                    | CODE | NUMBER      |
| FD               | L0100-TW003 | C   | [B]                     |  | MFG.ENG.: M.WARSHAW   | DATE: 28-SEP-81      | K                       | PL   | L0100-0-DBP |
|                  |             |     | [C]                     |  | ASSEMBLY NUMBER:      | TOP DOCUMENT NUMBER: | RELEASE DATE: 26-MAR-84 |      |             |
|                  |             |     | [D]                     |  | E-UA-L0100-0-0        |                      | FILE NAME: Z1292C.PLS   |      |             |
|                  |             |     | [E]                     |  |                       |                      | EDIT # 23               |      |             |
|                  |             |     | [F]                     |  |                       |                      |                         |      |             |
|                  |             |     | [G]                     |  |                       |                      |                         |      |             |
|                  |             |     | [H]                     |  |                       |                      |                         |      |             |
|                  |             |     | [I]                     |  |                       |                      |                         |      |             |
|                  |             |     | [J]                     |  |                       |                      |                         |      |             |
|                  |             |     | [K]                     |  |                       |                      |                         |      |             |
|                  |             |     | [L]                     |  |                       |                      |                         |      |             |
|                  |             |     | [M]                     |  |                       |                      |                         |      |             |
|                  |             |     | [N]                     |  |                       |                      |                         |      |             |

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LINE ITEM TOP DOCUMENT

PART NUMBER MIN REV DESCRIPTION VARIATION REVISION LEVEL:

QTY PER VARIATION 00

REFERENCE DESIGNATOR

|    |     |            |        |                             |    |
|----|-----|------------|--------|-----------------------------|----|
| 22 | 16  | 1302957-00 | 121.0  | .25 W 1.0 % RN55D-F10       | 99 |
| 23 | 17  | 1303111-00 | 205.0  | .25 W 1.0 % RN55D-F10       | 2  |
| 24 | 19  | 1312930-00 | 5.10 K | .25 W 5.0 % CF              | 1  |
| 25 | 20  | 1313008-00 | 5.11   | .25 W 1.0 % RN55D-F10       | 4  |
| 26 | 21  | 1313155-00 | 604.0  | .25 W 1.0 % RN55D-F10       | 2  |
| 27 | 22  | 1603377-00 |        | .22UH 10% 2.7A #WEE.22      | 1  |
| 28 | 23  | 1617970-00 |        | PULSE XFMR 250MW 6PIN DIP   | 2  |
| 29 | 24  | 1617985-00 |        | DELAY= 10.2NS 14PIN DIP     | 1  |
| 30 | 103 | 1618515-00 |        | PULSE XFMR RATIO 2:1,250 MW | 2  |
| 31 | 25  | 1812051-18 |        | XTAL 70.000 MHZ             | 1  |
| 32 | 26  | 1910532-00 |        | 74S00 NAND GATE-QUAD 2IN    | 9  |
| 33 | 27  | 1910534-00 |        | 74S04 INVERTER GATE-HEX 1I  | 4  |
| 34 | 28  | 1910536-00 |        | 74S10 NAND GATE-TRIPLE 3IN  | 4  |
| 35 | 29  | 1910537-00 |        | 74S11 AND GATE-TRIPLE 3INP  | 1  |
| 36 | 30  | 1910539-00 |        | 74S20 NAND GATE-DUAL 4INPU  | 2  |
| 37 | 31  | 1910544-00 |        | 74S74 FF-D DUAL,EDGE TRIGG  | 3  |
| 38 | 32  | 1910544-01 |        | 74S74-60GG-D DUAL,EDGE TRIG | 11 |
| 39 | 33  | 1910545-00 |        | 74S112 FF-JK DUAL,EDGE TRIG | 5  |
| 40 | 34  | 1910547-00 |        | 74S153 MUX 1 OF 4 (DUAL)    | 1  |
| 41 | 35  | 1910548-00 |        | 74S157 MUX 1 OF 2 (QUAD)    | 2  |
| 42 | 36  | 1911404-00 |        | 10107 XOR/NOR GATE, 2-2IN   | 2  |
| 43 | 37  | 1911409-00 |        | 10115 QUAD DIFF. LINE RCVR  | 2  |
| 44 | 38  | 1911414-00 |        | 10124 TTL TO ECL TRNSLTR    | 1  |

CONT R173-R175,R178,R180,R181,  
CONT R184-R186,R188,R191,R194,R195,  
CONT R197,R201,R203,R205,R206,R208,  
CONT R210,R212,R215,R217,R218,R220,  
CONT R224,R226,R228,R231,R232,R234,  
CONT R241,R242,R245,R247,R249,R252,  
CONT R254,R256,R258,R261,R262,R264,  
CONT R266,R268-R271,R273,R143  
R49,R52,R57,R59,R62,R64,R65,R68,  
CONT R70,R71,R73,R76,R78,R82,R84,R85,  
CONT R87,R89,R91,R94,R95,R98,R99,  
CONT R101,R103,R105,R110,R112,R114,  
CONT R116,R117,R119,R122,R123,R125,  
CONT R127,R130,R131,R134,R138,R140,  
CONT R141,R144,R145,R147,R149,R151,  
CONT R153,R156,R157,R165,R167,R168,  
CONT R172,R176,R177,R179,R182,R183,  
CONT R187,R189,R192,R193,R196,  
CONT R198-R200,R202,R204,R207,R209,  
CONT R211,R213,R214,R216,R219,R221,  
CONT R225,R227,R229,R230,R233,R235,  
CONT R240,R243,R244,R246,R248,R253,  
CONT R255,R257,R259,R260,R265,R267,  
CONT R272,R274,R171,R263  
R163,R239  
R223  
R160,R161,R237,R238  
R162,R236  
L1  
T1,T2  
E195  
T3,T4  
Y1  
E33,E52,E89,E107,E128,E139,E145,  
CONT E149,E151  
E61,E69,E126,E129  
E34,E35,E87,E148  
E104  
E108,E127  
E125,E131,E152  
E3,E4,E121,E133,E153,E10,E80,  
CONT E81,E136,E138,E191  
E26,E29,E53,E101,E119  
E6  
E115,E116  
E160,E162  
E167,E184  
E161

|               |                               |                |           |                 |     |
|---------------|-------------------------------|----------------|-----------|-----------------|-----|
| D I G I T A L | TITLE                         | SECTION A OF A | SIZE CODE | DOCUMENT NUMBER | REV |
|               | INTERPROCESSOR LINK INTERFACE |                | K PL      | L0100-0-DBP     | C   |



AUTOMATED BY PRTLST.3P(44

## P A R T S   L I S T

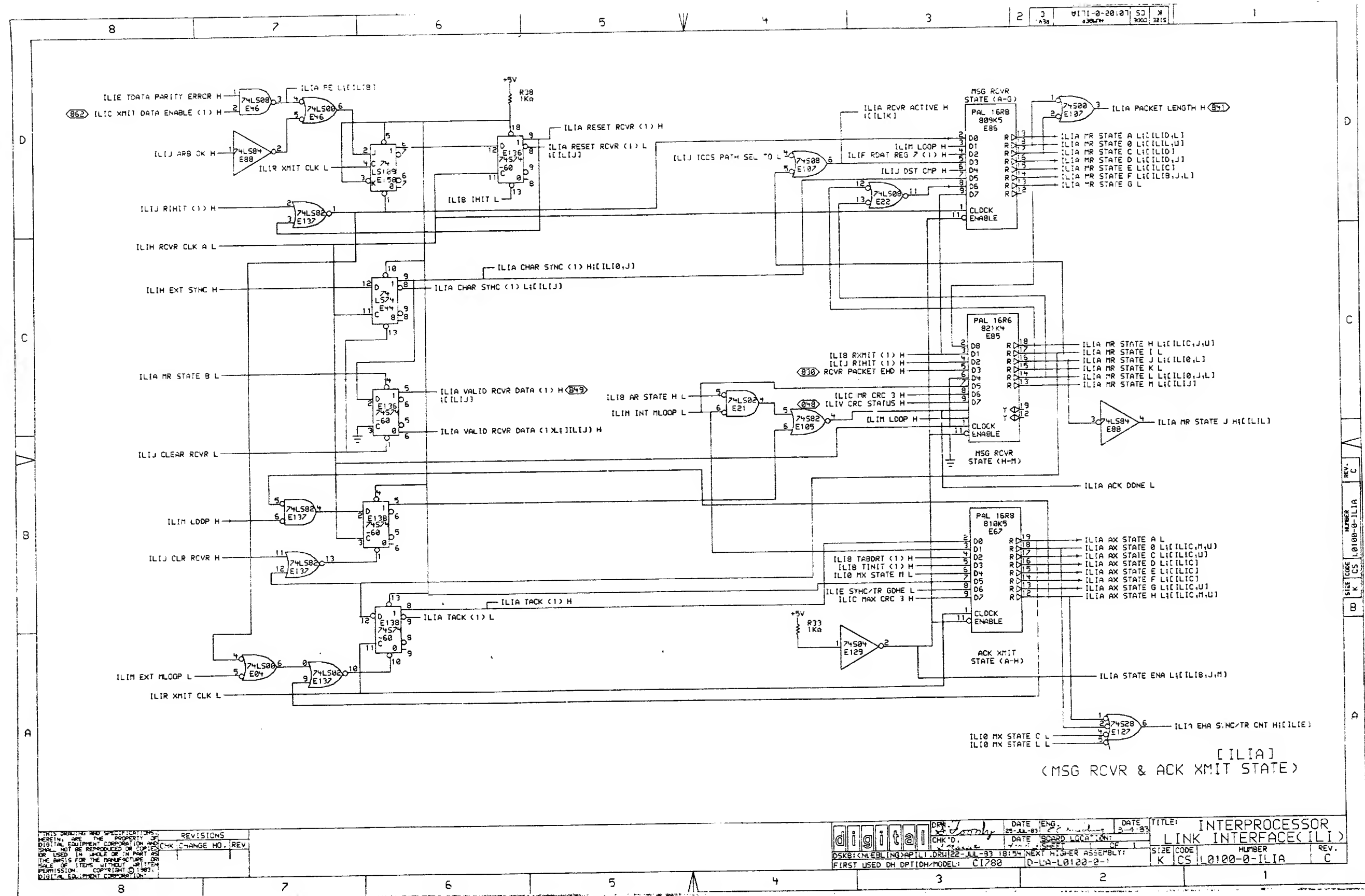
SHEET A3 OF A4

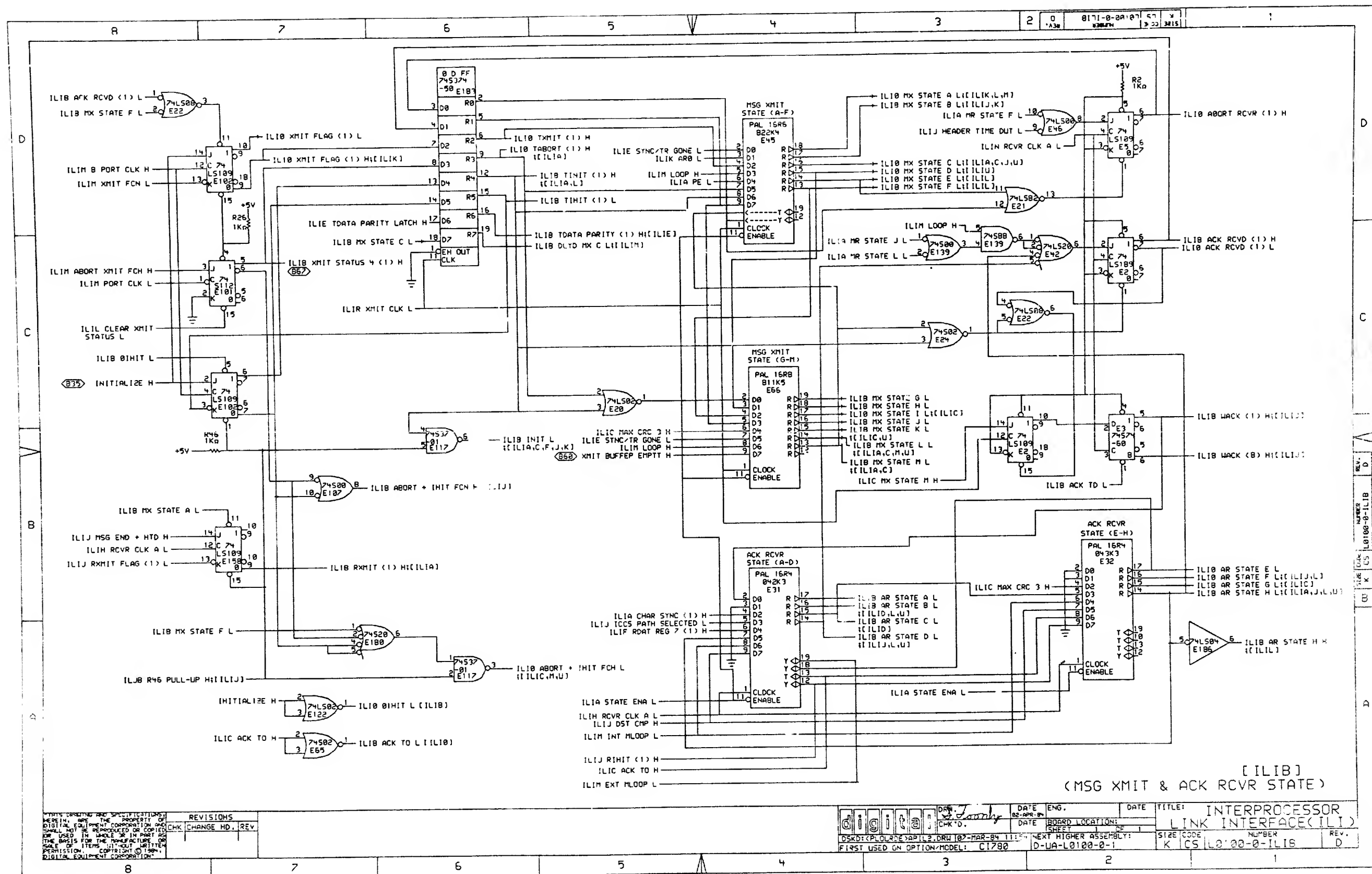
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|      |      |              |             |         | VARIATION REVISION LEVEL:   |      |               |                               |
| 45   | 39   |              | 1911573-00  |         | 74S280 PARITY GEN/CHKR,9BIT | 2    |               | E150,E155                     |
| 46   | 40   |              | 1911675-00  |         | 74S138 DECODER/DEMUX 3-8 LI | 1    |               | E60                           |
| 47   | 41   |              | 1911712-00  |         | 74S51 AND-OR GATE-INVERT D  | 5    |               | E8,E64,E130,E135,E145         |
| 48   | 42   |              | 1912089-00  |         | 74S85 CMPRTR-4BIT MAGNITUD  | 1    |               | E70                           |
| 49   | 43   |              | 1912096-00  | DEC     | 74S86 XOR GATE,QUAD 2IN     | 6    |               | E72-E75,E95,E97               |
| 50   | 44   |              | 1912388-00  |         | 74S02 NOR GATE-QUAD 2IN,PO  | 5    |               | E24,E27,E65,E105,E120         |
| 51   | 97   |              | 1912389-00  |         | 74S08 AND GATE-QUAD 2IN,PO  | 2    |               | E41,E49                       |
| 52   | 45   |              | 1912746-01  |         | 74S37-1BUFFER-GATE          | 3    |               | E117,E132,E147                |
| 53   | 46   |              | 1912799-00  |         | LS00 NAND-GATE-QUAD 2IN,P   | 4    |               | E9,E46,E68,E84                |
| 54   | 47   |              | 1912801-00  |         | LS02 NOR-GATE-QUAD 2IN      | 5    |               | E21,E23,E28,E122,E137         |
| 55   | 48   |              | 1912903-00  |         | LS04 INVERTER GATE,HEX      | 5    |               | E50,E83,E88,E106,E165         |
| 56   | 49   |              | 1912805-00  |         | LS08 AND GATE-QUAD 2IN,PO   | 2    |               | E22,E51                       |
| 57   | 50   |              | 1912810-00  |         | LS20 NAND GATE-DUAL 4IN     | 2    |               | E42,E142                      |
| 58   | 51   |              | 1912820-00  |         | LS51 A-O-I GATE 2-WIDE 2I   | 2    |               | E143,E144                     |
| 59   | 52   |              | 1912824-00  |         | LS74 FF-D DUAL,EDGE TRIGG   | 1    |               | E44                           |
| 60   | 53   |              | 1912833-00  |         | LS109 FF-JK DUAL,POS EDGE   | 11   |               | E2,E5,E11,E62,E82,E102,E123,  |
|      |      |              |             |         |                             |      | CONT          | E124,E140,E141,E158           |
| 61   | 54   |              | 1912851-00  |         | LS169 COUNTER,SYNCH. UP/DO  | 3    |               | E25,E71,E91                   |
| 62   | 55   |              | 1913462-00  |         | 74S240 OCTAL BUFFER,INVERTI | 3    |               | E100,E112,E114                |
| 63   | 56   |              | 1913670-00  |         | 74S373 LATCH,8BIT TRANS TRI | 1    |               | E119                          |
| 64   | 57   |              | 1913671-00  |         | 74S374 FF-D,OCTAL,TR1 STATE | 11   |               | E16,E38,E54,E55,E93,E96,E109, |
|      |      |              |             |         |                             |      | CONT          | E111,E113,E134,E156           |
| 65   | 100  |              | 1913671-50  |         | 74S374 FF-D,OCTAL,TRI STATE | 3    |               | E103,E154,E157                |
| 66   | 58   |              | 1913777-00  |         | LS240 DRIVER,LINE,OCTAL,T   | 4    |               | E15,E36,E37,E53               |
| 67   | 59   |              | 1913888-00  | DC      | 102A EQUALS CHECKER 8BIT    | 7    |               | E17,E39,E59,E90,E92,E98,E110  |
| 68   | 60   |              | 1914082-00  |         | 74S163 COUNTER,SYNCH UP/DOW | 4    |               | E1,E12,E14,E43                |
| 69   | 61   |              | 1914084-00  |         | 74S299 SHIFT REG.,8BIT RIGH | 1    |               | E13                           |
| 70   | 62   |              | 1914085-00  |         | 74S260 NOR GATE-DUAL,POS    | 1    |               | E178                          |
| 71   | 63   |              | 1914086-00  |         | 74S30 NAND GATE-POS 8IN     | 1    |               | E47                           |
| 72   | 64   |              | 1917036-00  |         | VOLTAGE COMPARATOR          | 4    |               | E179,E180,E192,E193           |
| 73   | 65   |              | 1917275-00  |         | 100141 SHIFT REG.8-BIT      | 5    |               | E185,E186,E188,E190,E199      |
| 74   | 66   |              | 1917277-00  |         | 100131 FF-D TRIPLE          | 5    |               | E170,E173,E182,E183,E197      |
| 75   | 67   |              | 1917280-00  |         | 100125 TRANSLATOR,ECL TO TT | 3    |               | E164,E175,E176                |
| 76   | 68   |              | 1917281-00  |         | 100124 TRANSLATOR,TTL TO EC | 3    |               | E163,E171,E172                |
| 77   | 69   |              | 1917288-00  |         | 100107 OR/NOR,EXCLUSIVE,QUI | 4    |               | E169,E189,E194,E201           |
| 78   | 70   |              | 1917289-00  |         | 100102 OR/NOR GATE,QUINT,2  | 4    |               | E168,E174,E198,E200           |
| 79   | 71   |              | 1917290-00  |         | 100101 OR/NOR GATE,TRIPLE,  | 2    |               | E181,E187                     |
| 80   | 72   |              | 1917442-00  |         | 100113 DRIVER,QUAD          | 1    |               | E196                          |
| 81   | 73   |              | 1917839-00  |         | 10192 LINE DRIVER,QUAD DIF  | 2    |               | E159,E166                     |
| 82   | 88   |              | 23009K5-00  | K5-01   |                             | 1    |               | E86                           |
| 83   | 85   |              | 23010K5-00  | K5-01   |                             | 1    |               | E67                           |
| 84   | 84   |              | 23011K5-00  | K5-01   |                             | 1    |               | E66                           |
| 85   | 87   |              | 23021K4-00  | K4-01   |                             | 1    |               | E85                           |
| 86   | 82   |              | 23022K4-00  | K4-01   |                             | 1    |               | E45                           |
| 87   | 89   |              | 23023K4-00  | K4-01   |                             | 1    |               | E99                           |
| 88   | 80   |              | 23042K3-00  | K3-01   | PAL,REG                     | CONT | 1             | E31                           |
| 89   | 81   |              | 23043K3-00  | K3-01   | PAL,REG                     | CONT | 1             | E32                           |
| 90   | 79   |              | 23063K3-00  | K3-01   | PAL,REG,                    | CONT | 1             | E30                           |

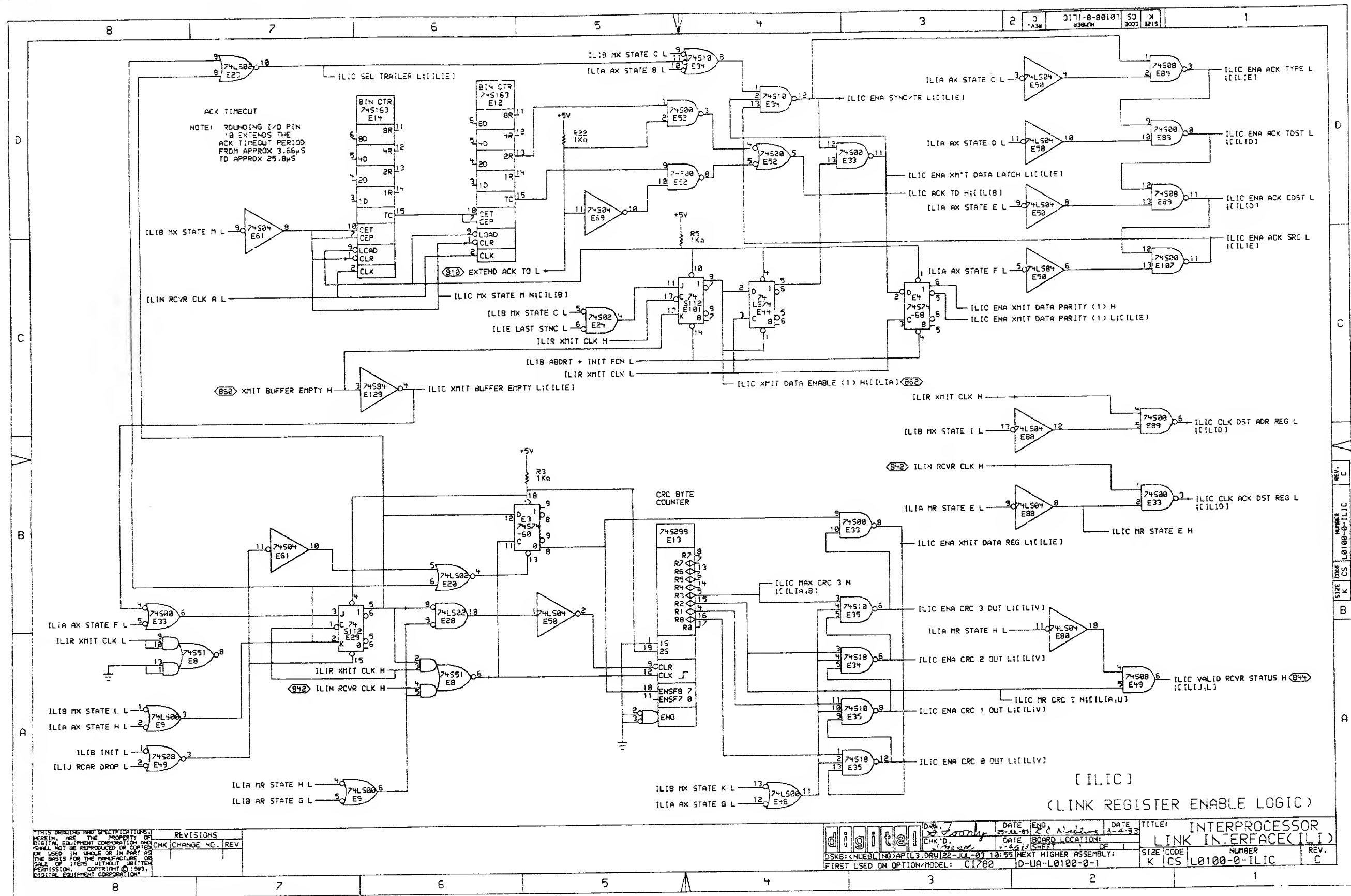
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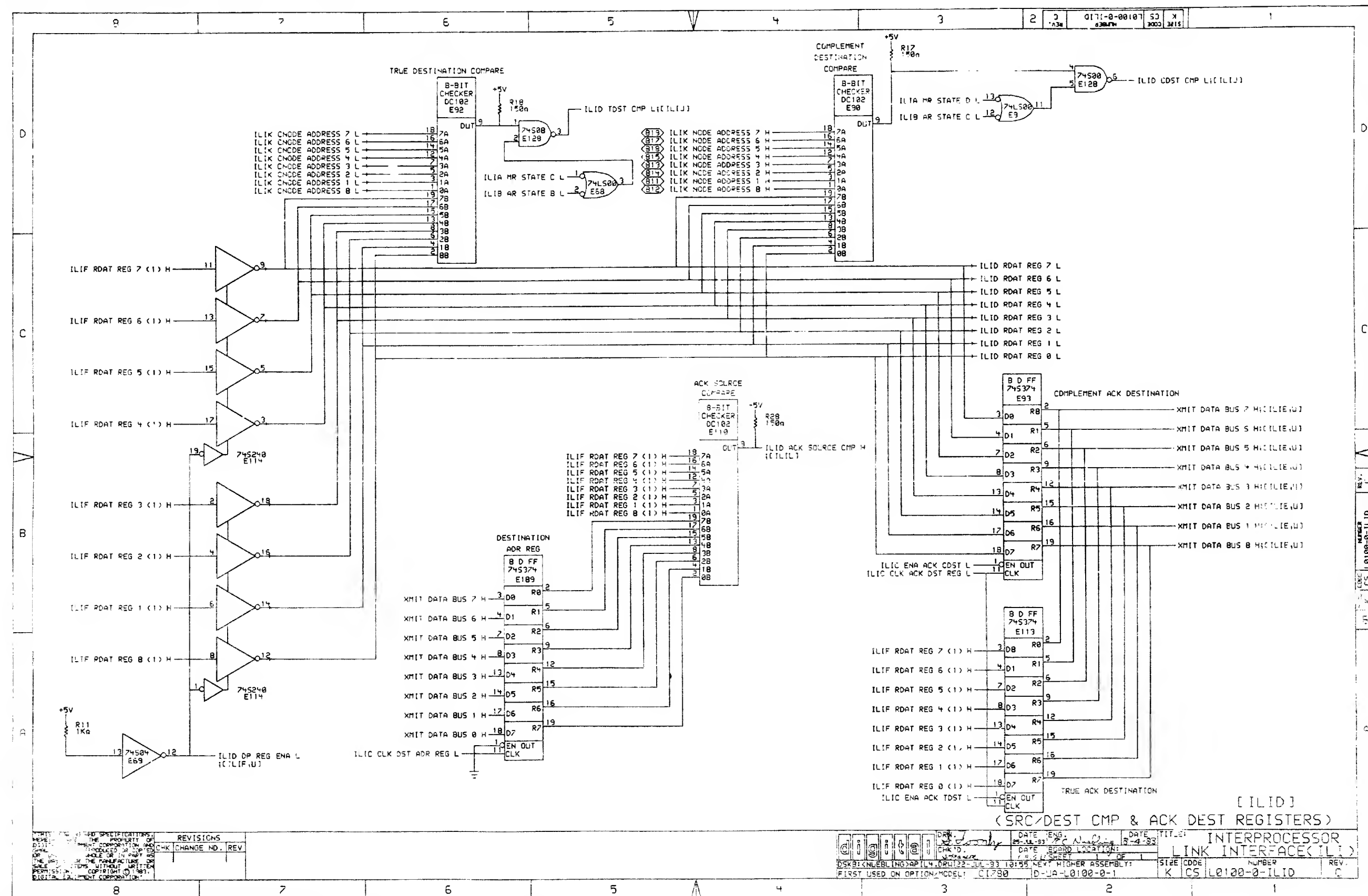
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| 91   | 86   |              | 23055K3-00  |            | K3-01                 |           | PAL,REG CONT     | 1         |               | E79                  |
| 92   | 83   |              | 23091K3-00  |            | K3-01                 |           | PAL,REG          | 1         |               | E48                  |
| 93   | 77   |              | 23071B1-00  |            | B1-01                 |           |                  | 1         |               | E76                  |
| 94   | 74   |              | 23309A1-00  |            | A1-07                 |           |                  | 1         |               | E94                  |
| 95   | 75   |              | 23601A2-00  |            | A2-05                 |           |                  | 1         |               | E20                  |
| 96   | 92   |              | 23817F1-00  |            | F1-01                 |           |                  | 1         |               | E58                  |
| 97   | 93   |              | 23818F1-00  |            | F1-01                 |           |                  | 1         |               | E40                  |
| 98   | 94   |              | 23819F1-00  |            | F1-01                 |           |                  | 1         |               | E77                  |
| 99   | 95   |              | 23820F1-00  |            | F1-01                 |           |                  | 1         |               | E57                  |
| 100  | 76   |              | 23964A9-00  |            | A9-01                 |           |                  | 1         |               | E18                  |
| 101  | 96   |              | 9000024-01  |            | EYELET,ROLLED         |           | 0.1210DX0.192    | 12        |               |                      |
| 102  | 101  |              | 9105740-55  |            | WIRE(WRAP)            |           | 30AWG KYNAR UL14 | A/R       |               |                      |
| 103  | 102  |              | 9107688-00  |            | WIRE(WRAP)            |           | 24AWG KYNAR UL13 | A/R       |               |                      |
| 104  | 104  |              | 1912815-00  |            | LS30 NAND GATE-SINGLE |           | 8IN              | 1         |               | E7                   |

|         |       |                                  |                |      |      |                 |     |
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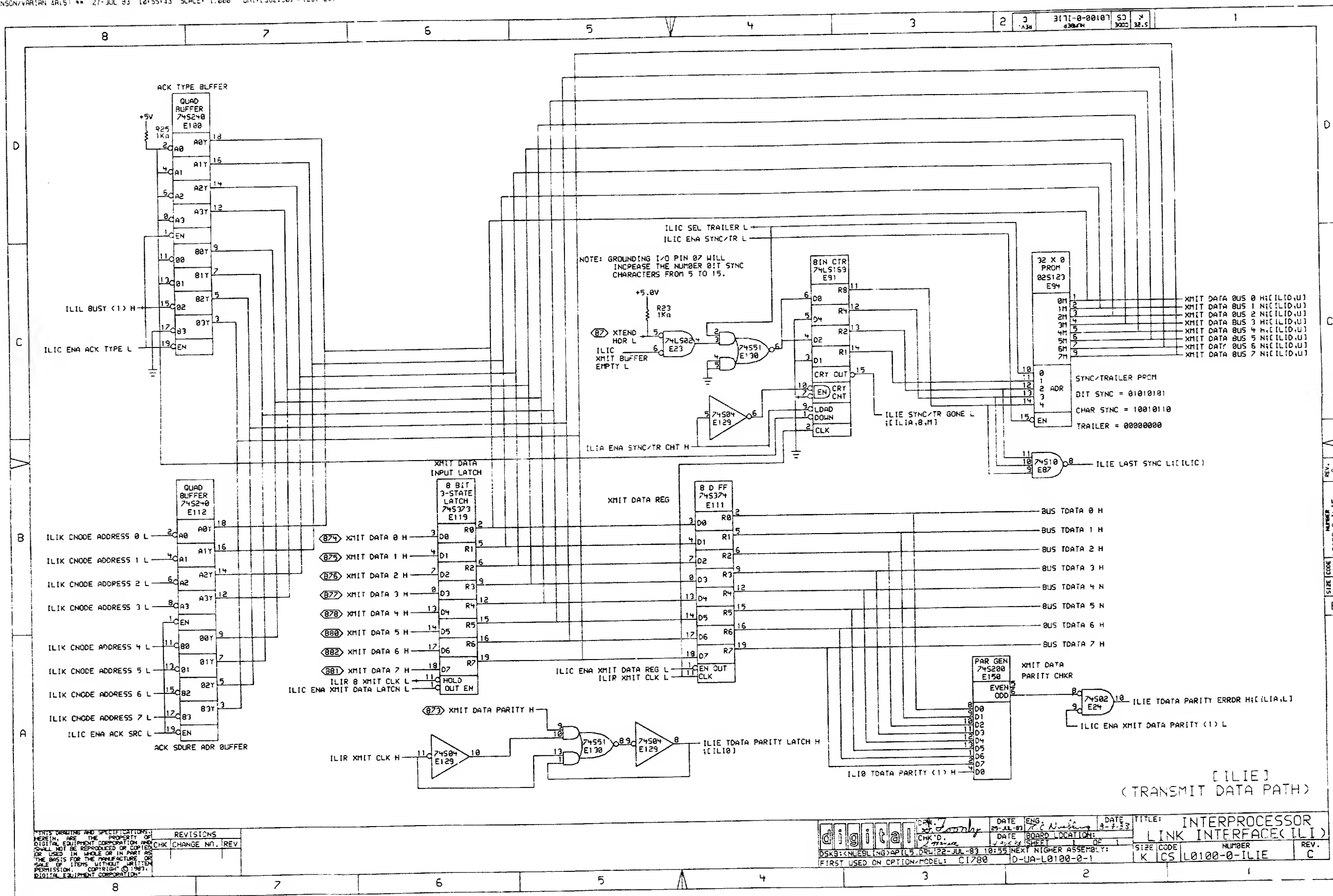


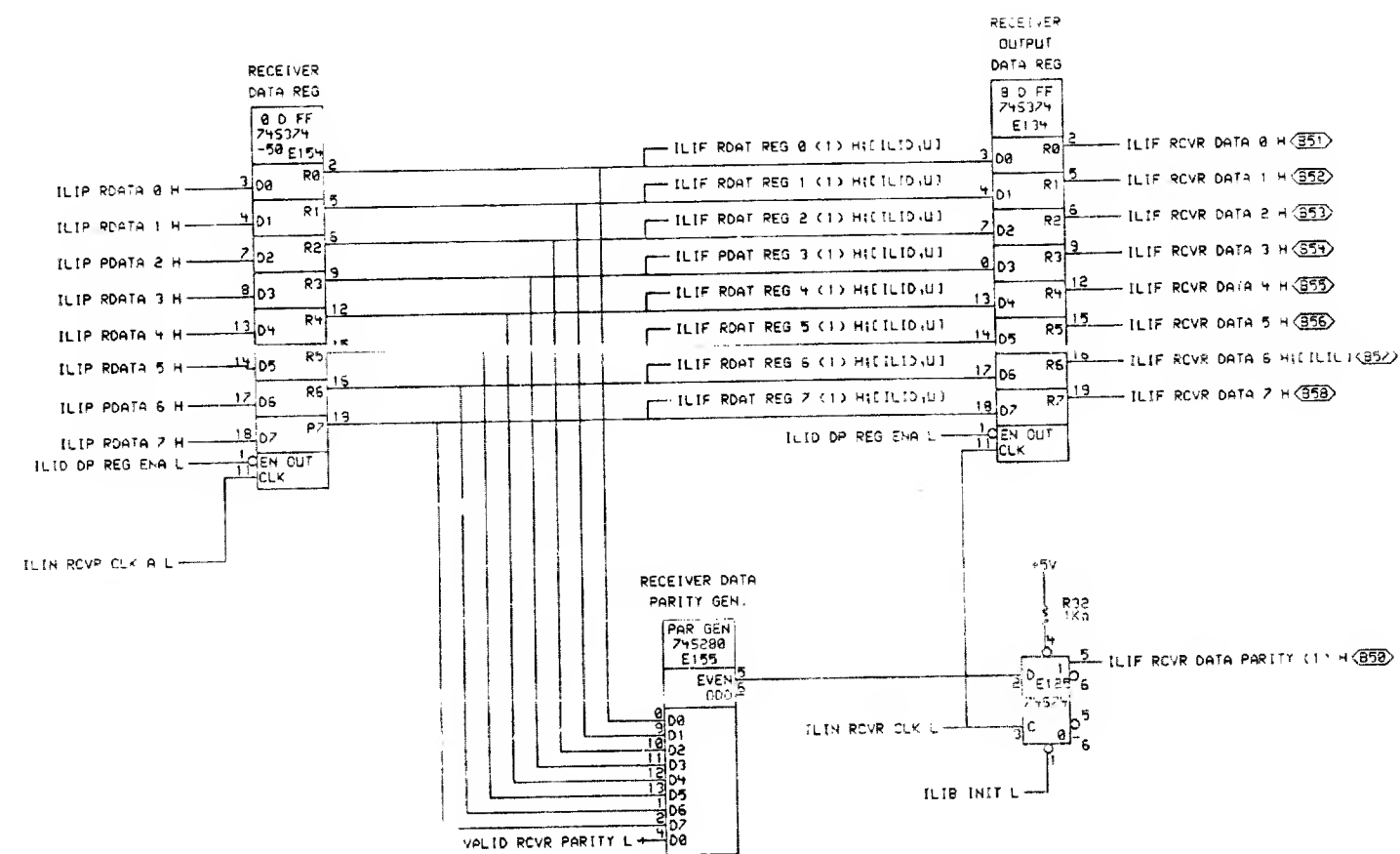




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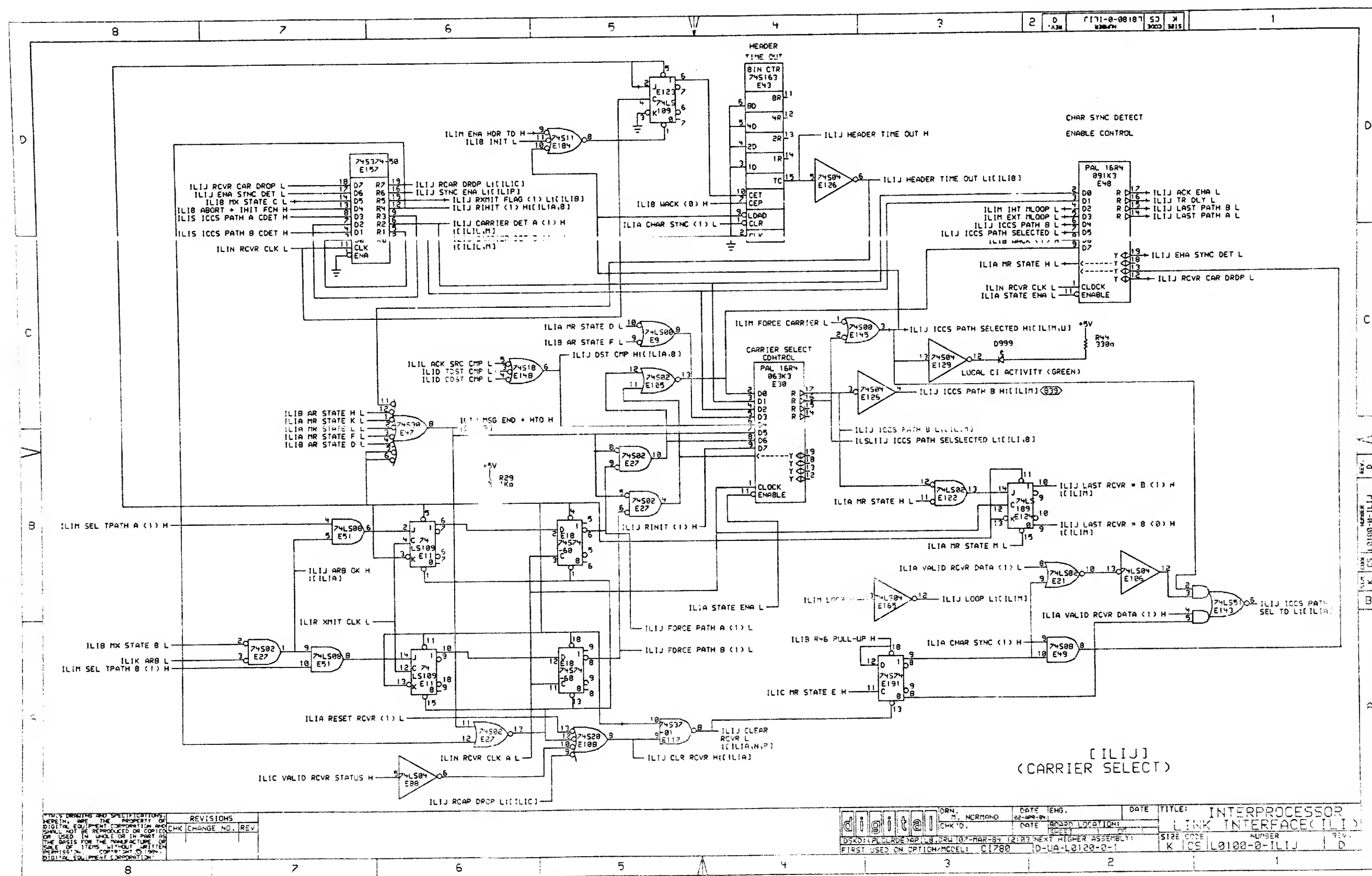
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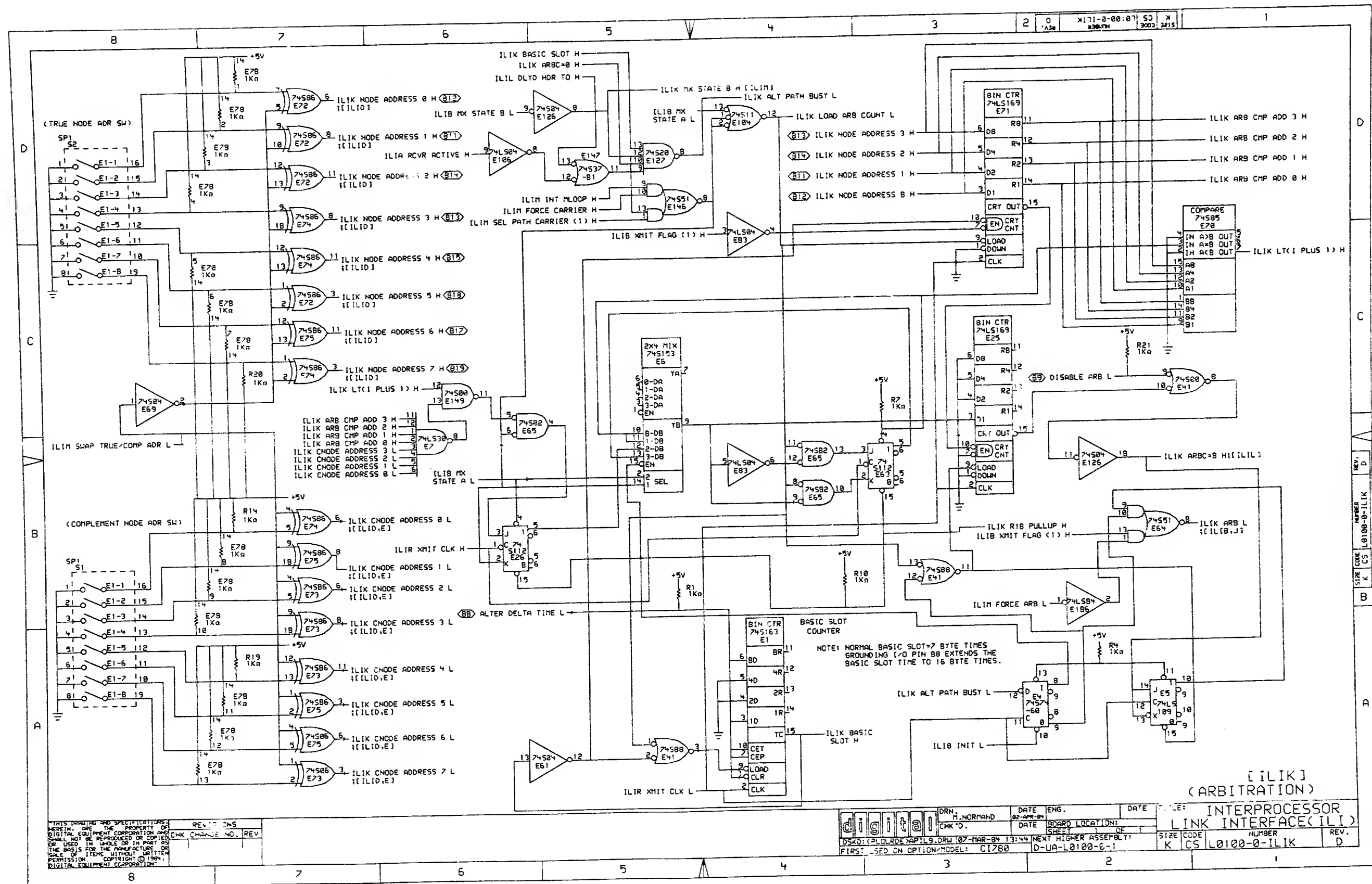
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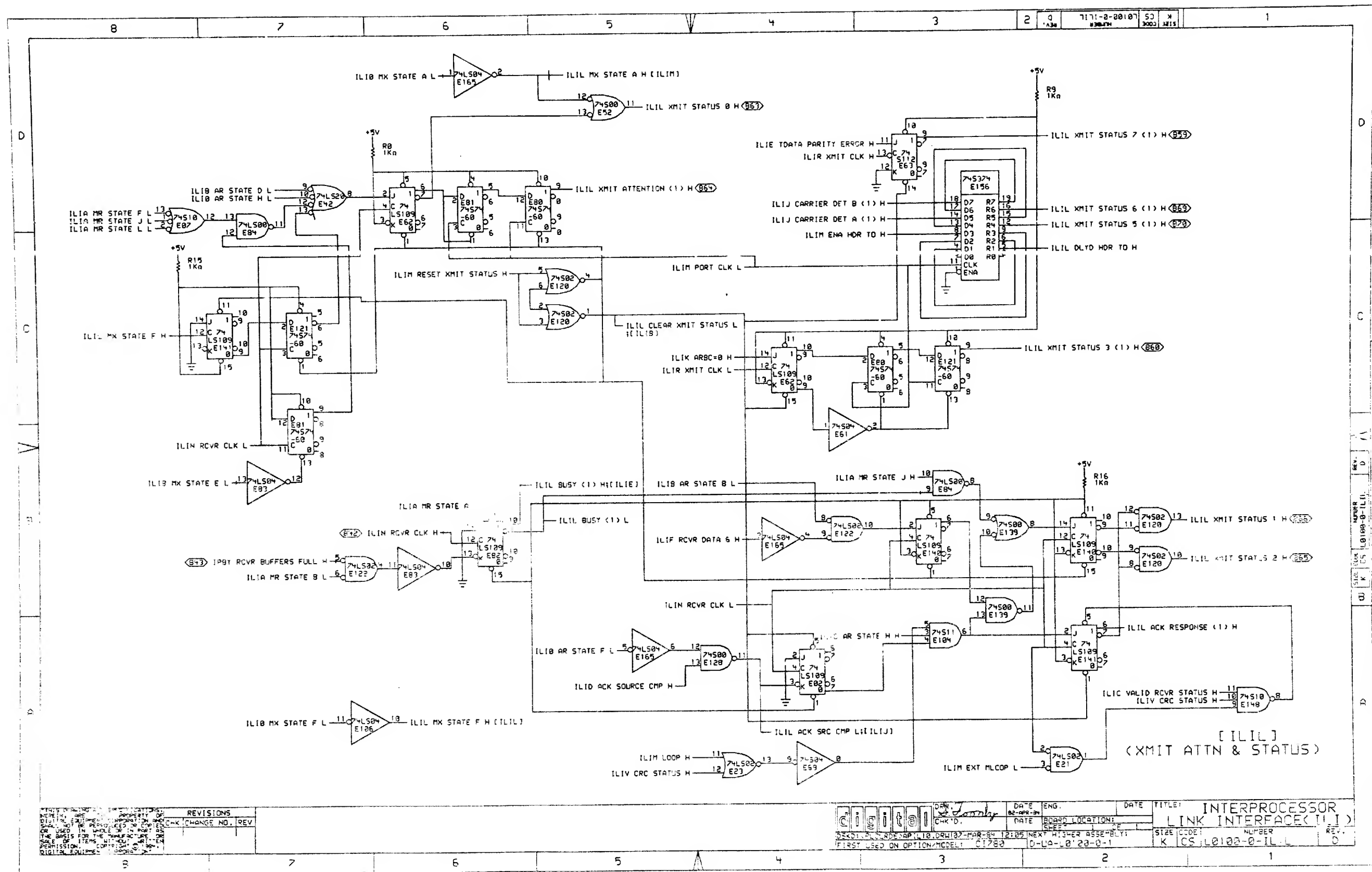
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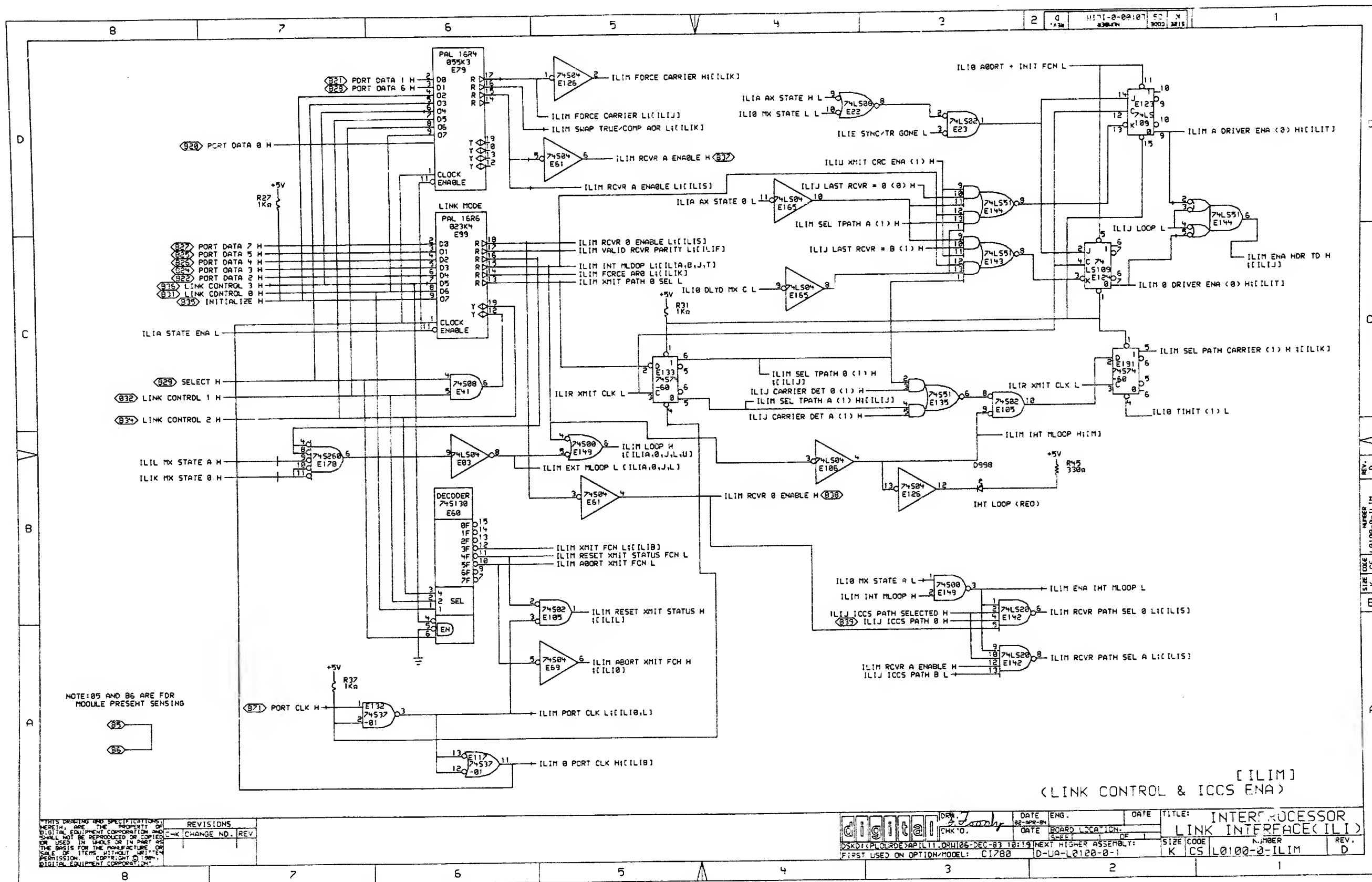


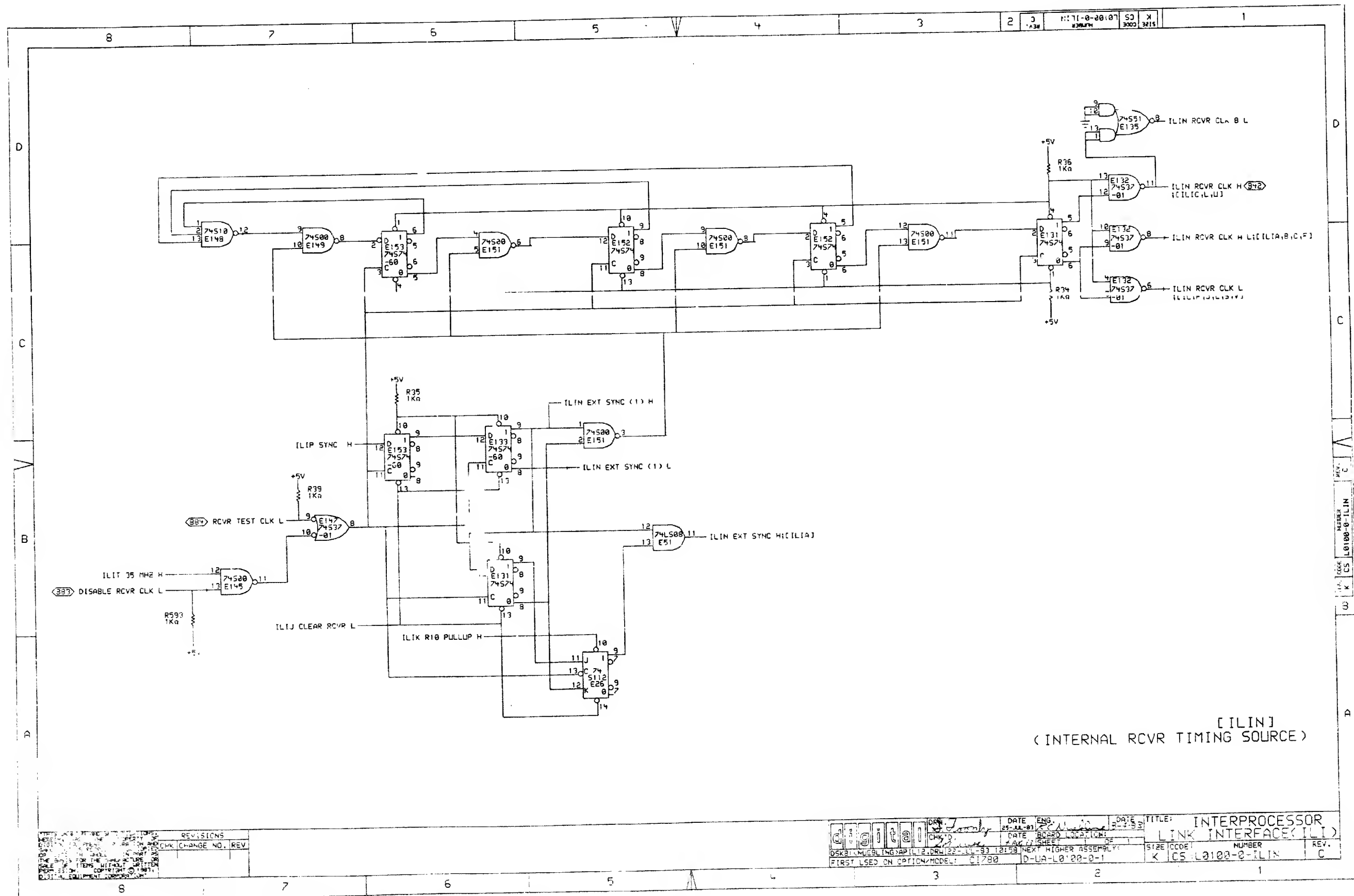


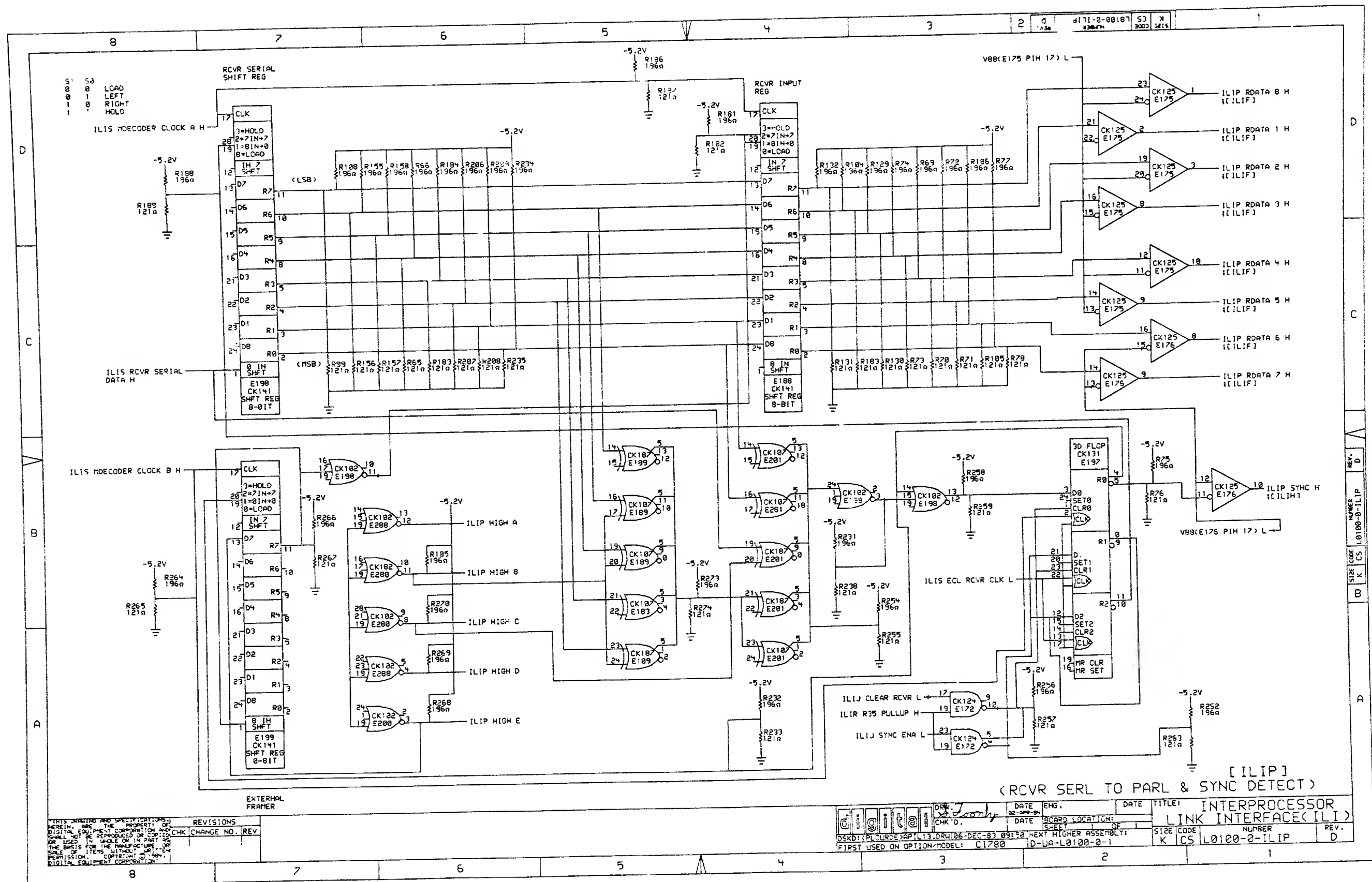




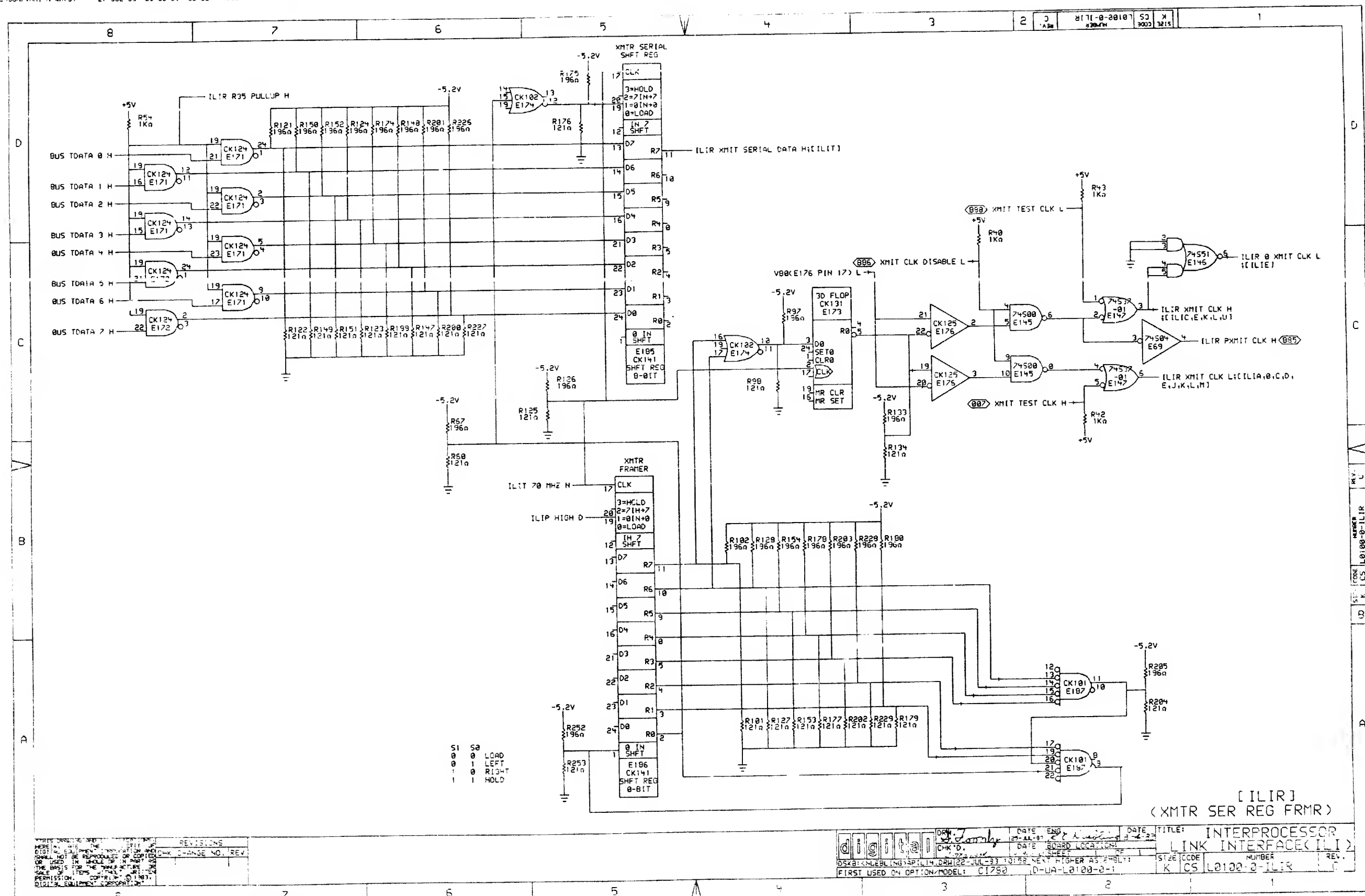




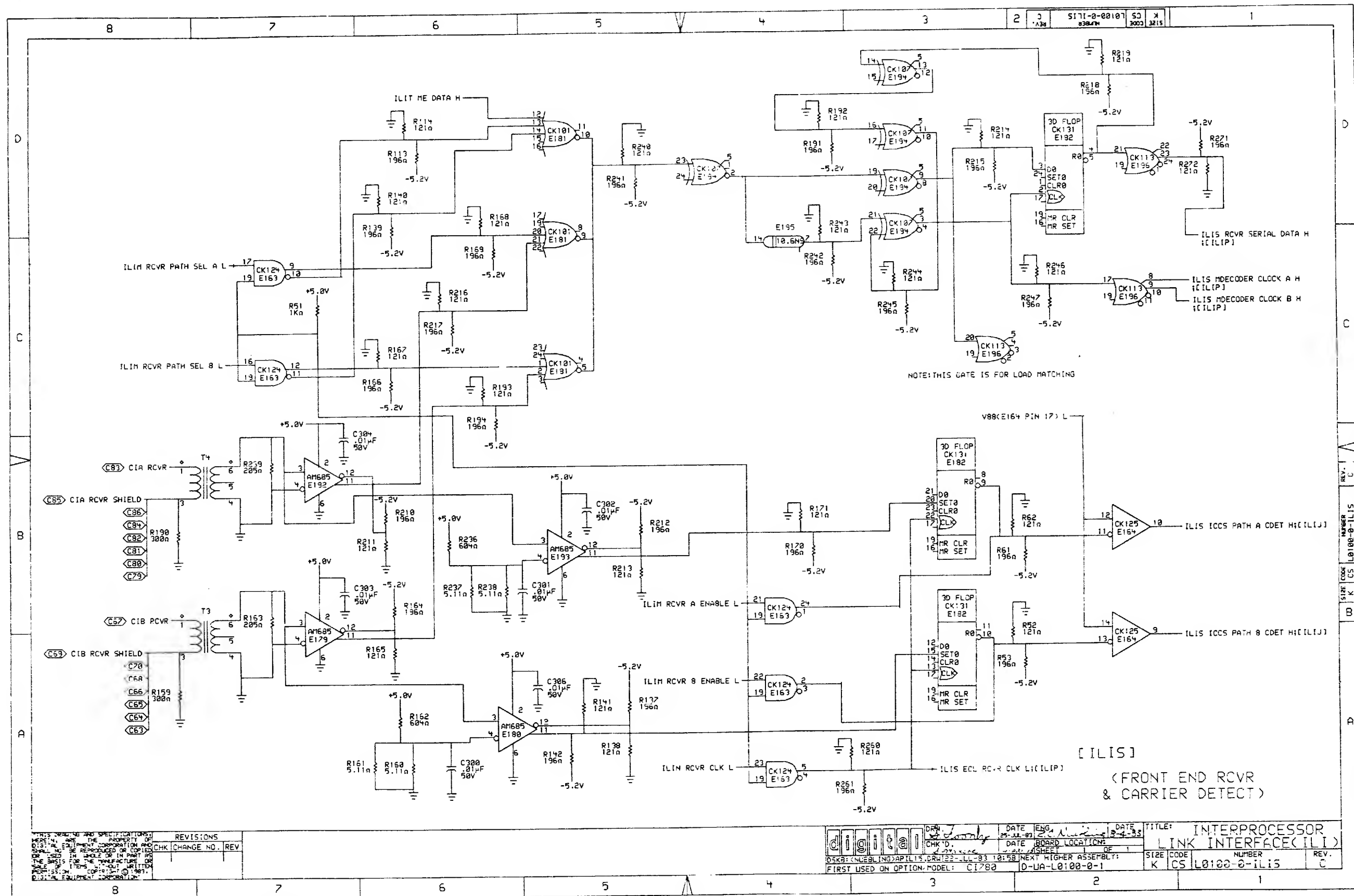




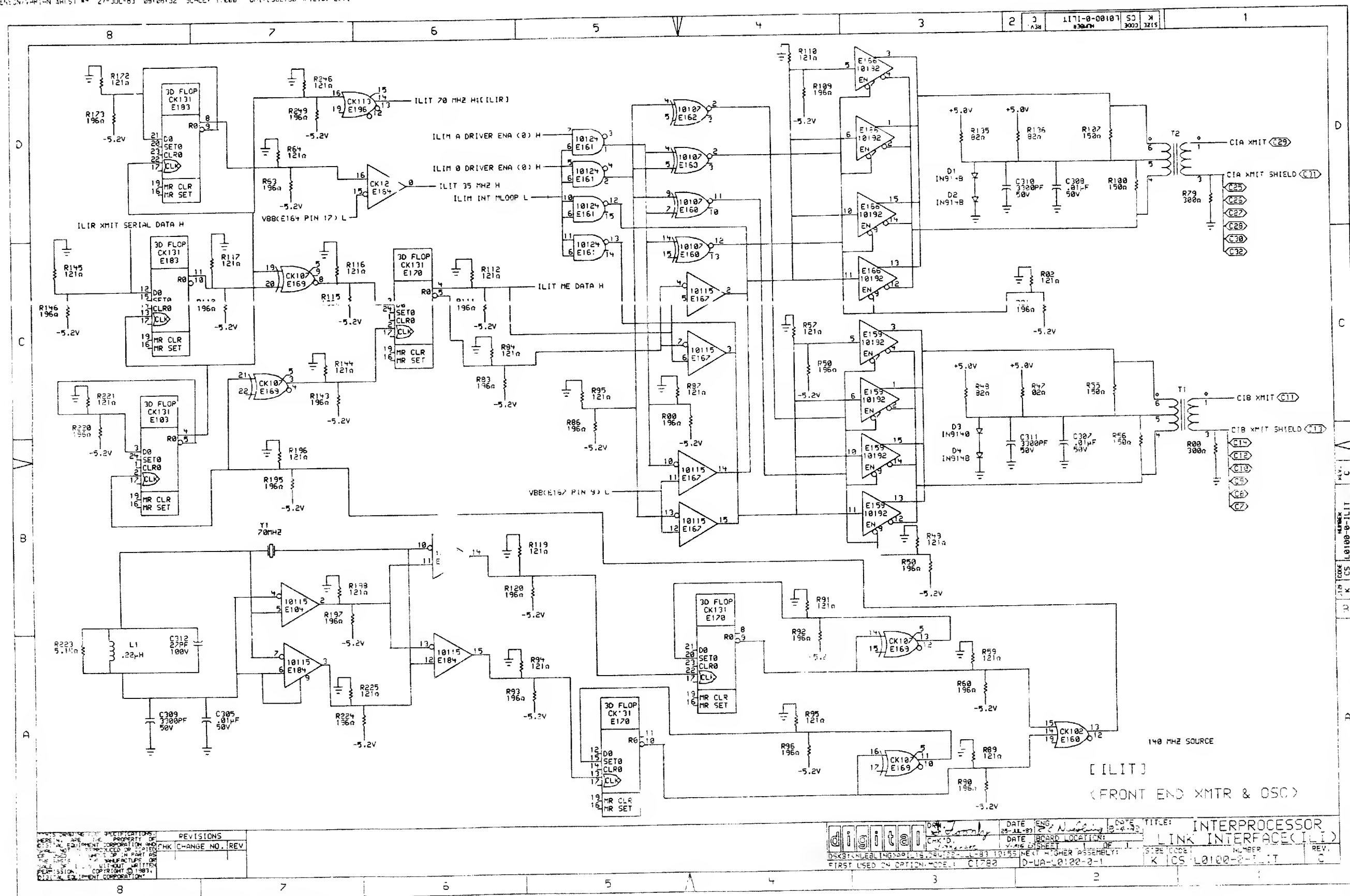




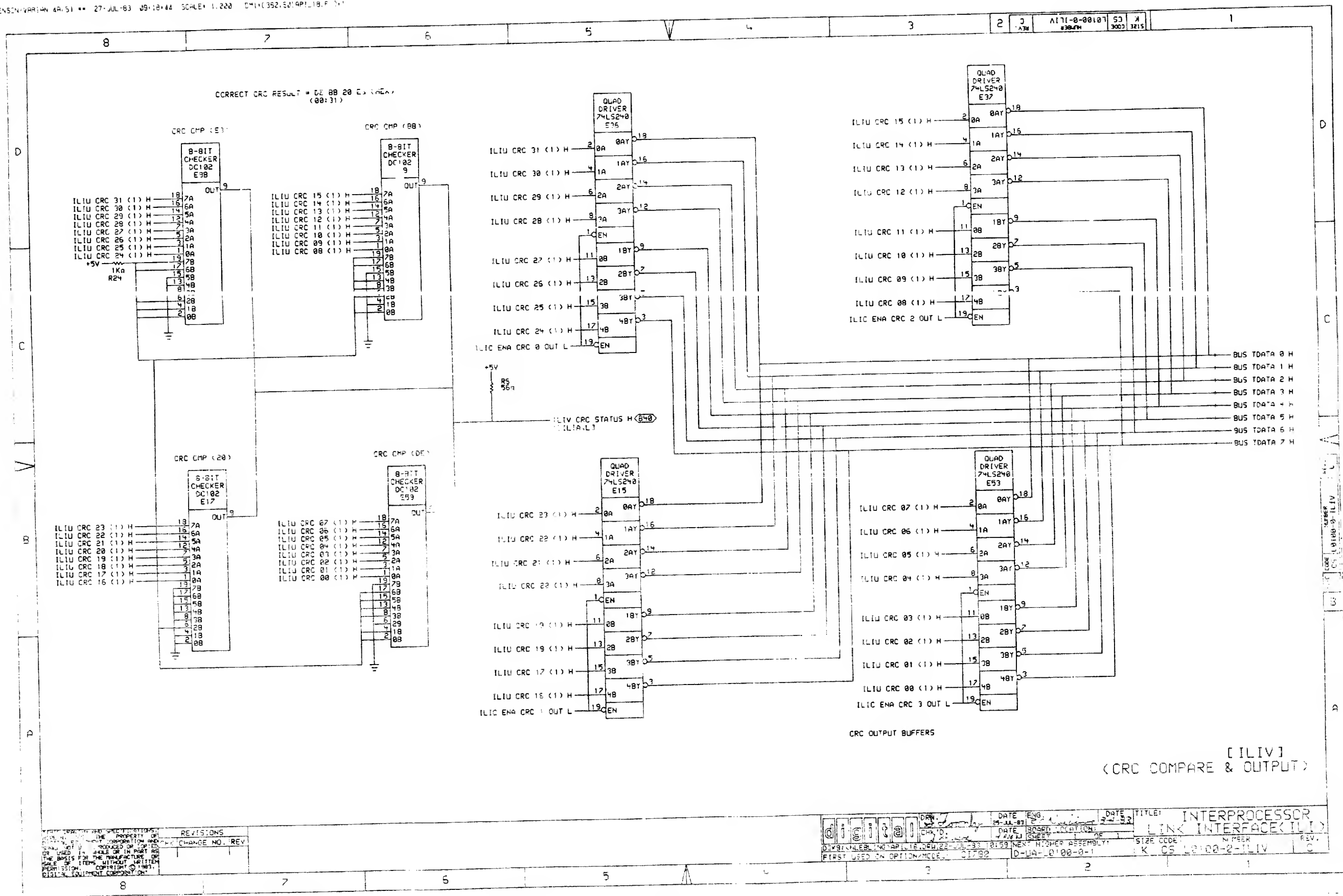




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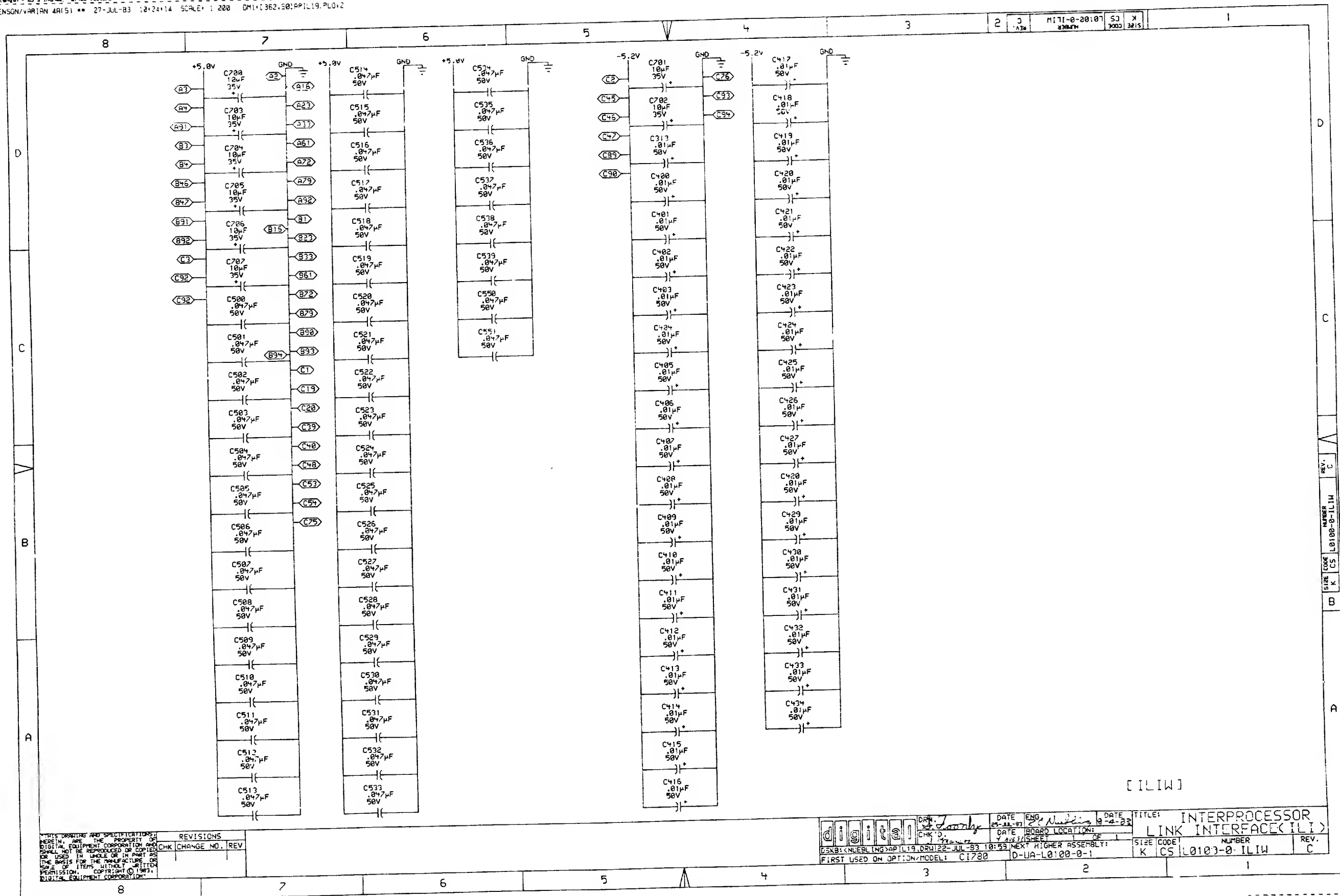






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| DATE | 27 JUL 83 | BOARD LOCATION | ... | DATE | 27 JUL 83 | SIZE CODE | K 05 2000-2-ILIV                     |
| DATE | 27 JUL 83 | SHEET          | ... | DATE | 27 JUL 83 | NUMBER    | ...                                  |
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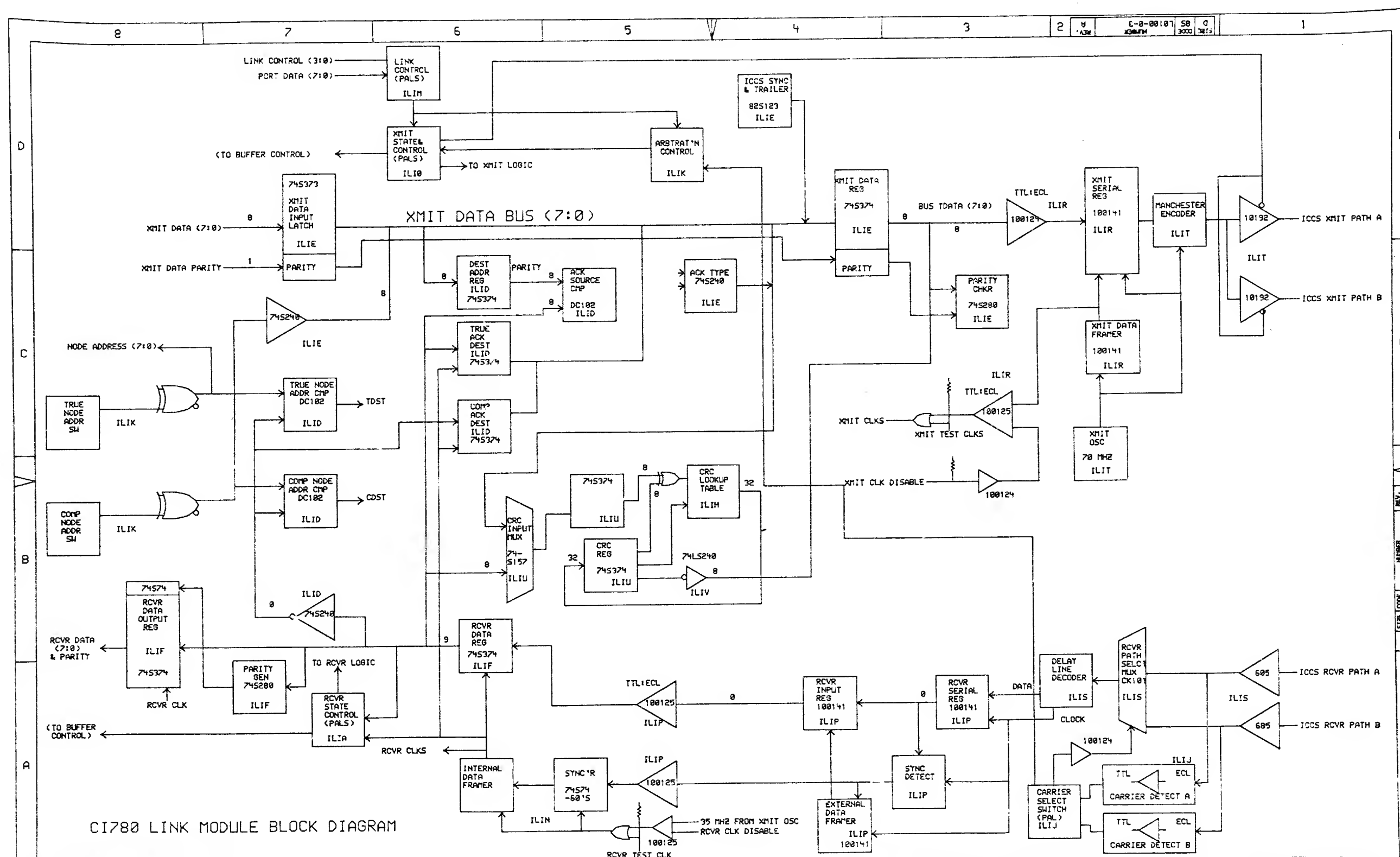
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| CHK: D.                           | DATE: 10-12-83 | BOARD LOCATION: 1               | OF: 1          | SIZE CODE: K CS                            |
| DSKB: (NUEBLING)APIL19.DRW        |                | NEXT: HIGHER ASSEMBLY: 10-12-83 |                | NUMBER: L0100-0-IL1W                       |
| FIRST USED ON OPTION/MODEL: C1780 |                | D-UA-L0100-0-1                  |                | REV: C                                     |

The logic diagram for the 4-bit counter is composed of several interconnected components:

- 74181 4-bit ALUs:** There are four ALUs, each with inputs A, B, C, D and outputs F, G, H, I. They are configured with various constants and inputs to generate the next state of the counter.
  - ALU 1 (top left): Inputs A=1, B=0, C=1, D=0; Outputs F=1, G=0, H=1, I=0.
  - ALU 2 (top right): Inputs A=1, B=0, C=1, D=0; Outputs F=1, G=0, H=1, I=0.
  - ALU 3 (bottom left): Inputs A=1, B=0, C=1, D=0; Outputs F=1, G=0, H=1, I=0.
  - ALU 4 (bottom right): Inputs A=1, B=0, C=1, D=0; Outputs F=1, G=0, H=1, I=0.
- 74161 4-bit Counters:** There are two counters, each with inputs A, B, C, D and outputs Q, R, S, T. They are cascaded to count from 0 to 15.
  - Counter 1 (top): Inputs A=1, B=0, C=1, D=0; Outputs Q=1, R=0, S=1, T=0.
  - Counter 2 (bottom): Inputs A=1, B=0, C=1, D=0; Outputs Q=1, R=0, S=1, T=0.

[illegible]



CI780 LINK MODULE BLOCK DIAGRAM

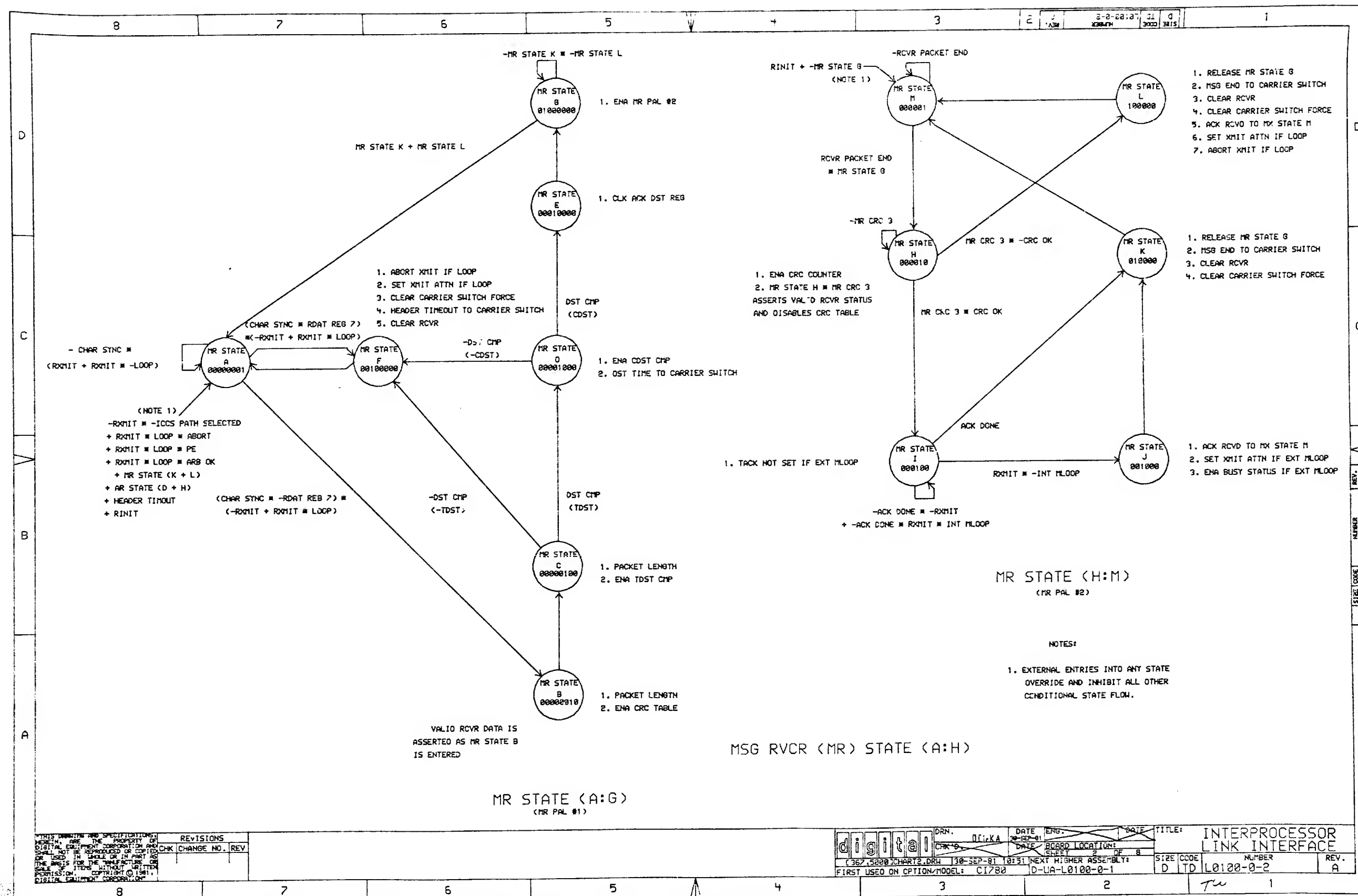
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| REVISIONS |              |      |
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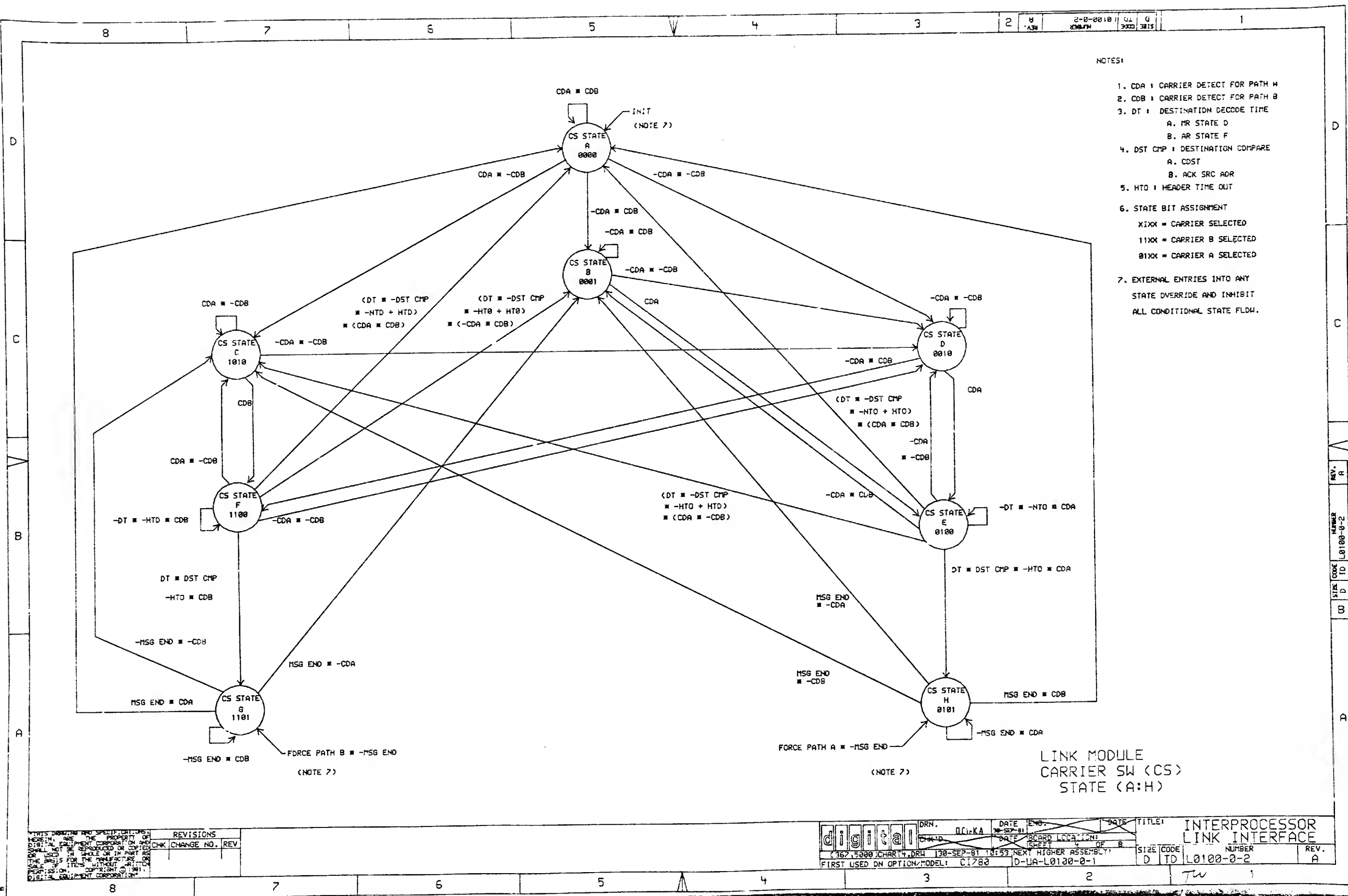
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| FIRST USED ON OPTION/MODEL: CI780 |                     |                                      |                                      |











| REVISIONS |                |
|-----------|----------------|
| CHK       | CHANGE NO. REV |
|           |                |
|           |                |

|                                   |       |                  |                      |           |                               |
|-----------------------------------|-------|------------------|----------------------|-----------|-------------------------------|
| digital                           | DRN.  | DATE             | ENG.                 | DATE      | TITLE                         |
|                                   | 001KA | 30-SEP-81        |                      |           | INTERPROCESSOR LINK INTERFACE |
| 362,5000 CHART 1, DRN             |       | 130-SEP-81 18:43 | NEXT HIGHER ASSEMBLY |           | SIZE CODE                     |
| FIRST USED ON OPTION MODEL: C1780 |       | D-UA-L0100-0-1   |                      | D         | TD                            |
|                                   |       |                  |                      | NUMBER    | REV.                          |
|                                   |       |                  |                      | L0100-0-2 | A                             |

# NORMAL MESSAGE TRANSMISSION STATE FLOW

MX PAL #1  
(IL1B)  
STATE

MX PAL #2  
(IL1B)  
STATE

AR PAL #1  
(IL1B)  
STATE

AR PAL #2  
(IL1B)  
STATE

A  
TRANSMIT  
B  
ARBITRATION  
C  
SYNC GONE  
D  
E

G  
H  
I  
J  
K  
L  
M  
N  
O  
P  
Q  
R  
S  
T  
U  
V  
W  
X  
Y  
Z

XMIT BUF EMPTY  
CRC GONE  
TRAILER GONE

WACK

ACK CARRIER

CRC DONE

ACK RCVD

# NORMAL MESSAGE RECEPTION STATE FLOW

MR PAL #1  
(IL1A)  
STATE

MR PAL #2  
(IL1A)  
STATE

AX PAL  
(IL1A)  
STATE

A  
B  
C  
D  
E  
F  
G  
H  
I  
J  
K  
L  
M  
N  
O  
P  
Q  
R  
S  
T  
U  
V  
W  
X  
Y  
Z

MSG CARRIER

RCVR PACKET END

CRC OK

TACK

SYNC GONE

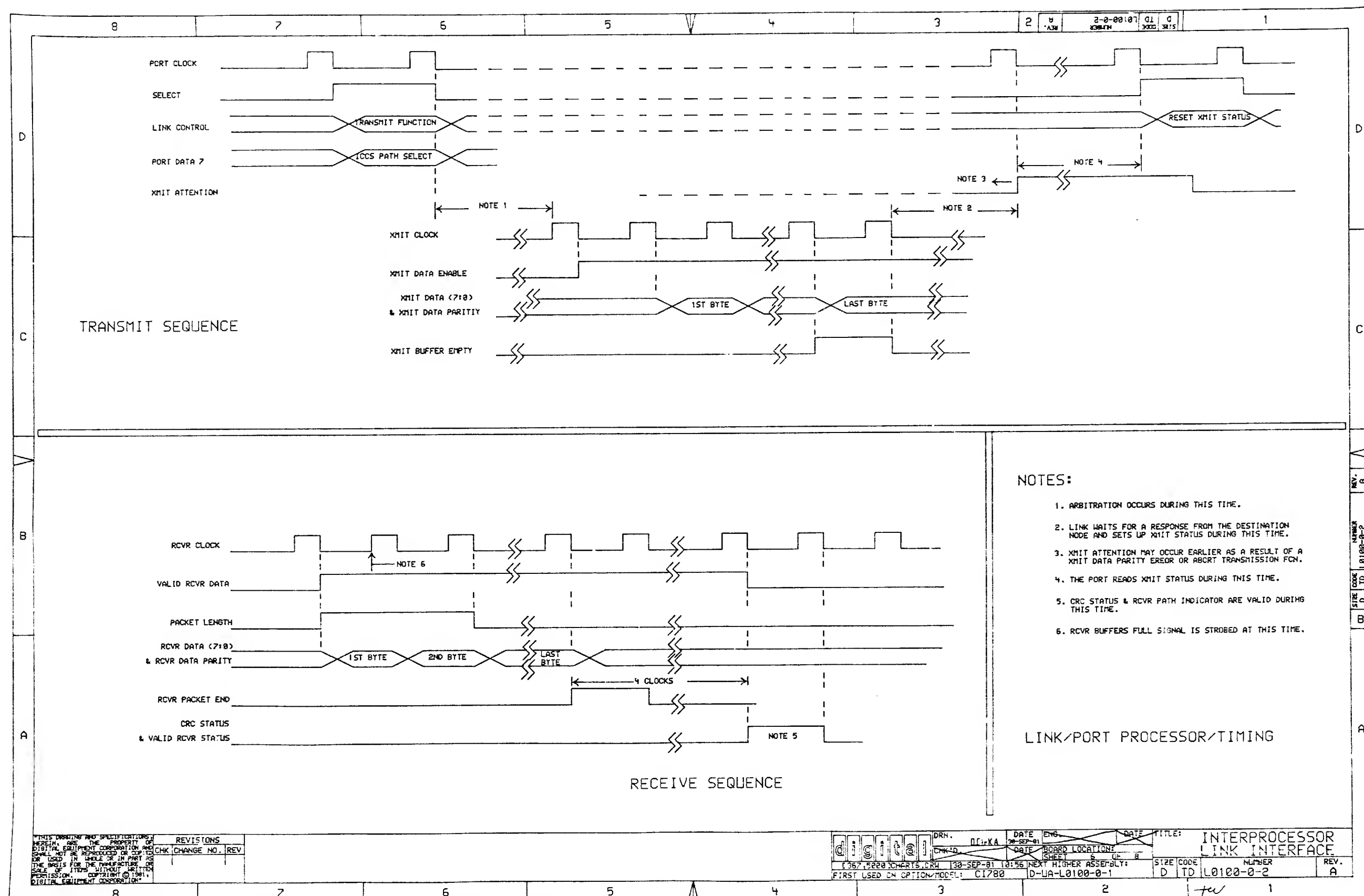
CRC GONE

TRAILER GONE

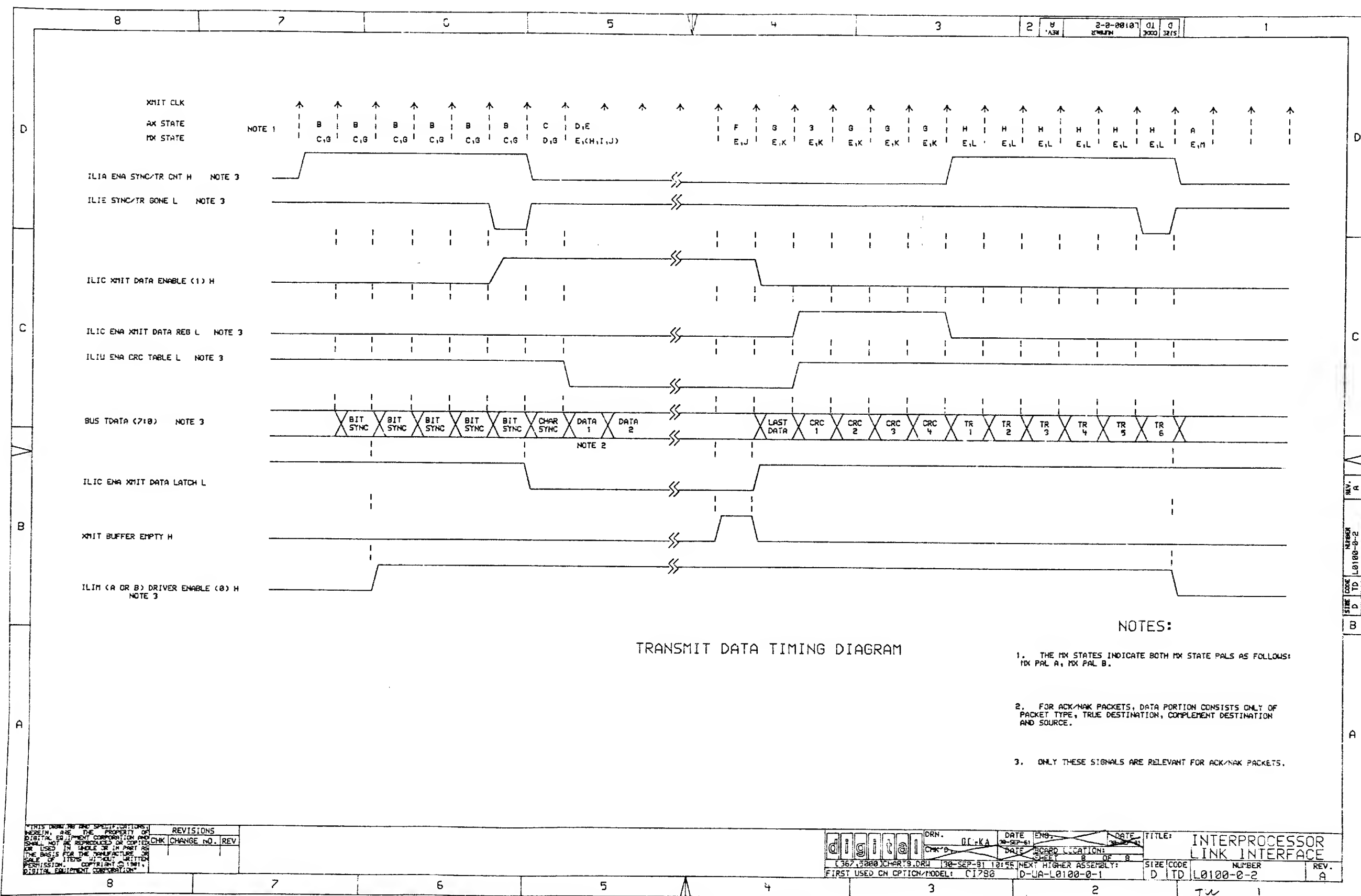
XMIT/RCVR MSG STATE FLOWS

| REV. NO. | CHG. NO. | REV. |
|----------|----------|------|
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|-----------------------------|------------|----------------|-------|-----------|--------|
| digitai                     | DRN.       | DATE           | ENG.  | DATE      | FILE   |
| 1367.5820                   | CHARTS.DRW | 130-SEP-81     | 01:55 | NEAT      | HISHER |
| FIRST USED ON OPTION/MODEL: | C1780      | D-UA-L0120-2-1 | D.1TD | L0120-2-2 | REV. A |







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\*\*\*\*\* FIELD MAINTENANCE PRINT SET \*\*\*\*\*

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| A-PS-36-19211-0-0 | LABEL, BEND RADIUS (REF) |
| A-PA-37-00680-0-0 | PACKAGING INSTRUCTIONS   |
| B-TC-BNCI-0-1     | CABLE SET                |
| B-DD-BNCI-0-1     | CABLE SET                |
| K-PL-BNCI-0-DBP   | CABLE SET                |
| D-AD-70-18541-0-0 | CABLE ASSY               |
| K-PL-70-18541-DBP | CABLE ASSY               |

UNIT VARIATIONS

BNCIA-10

BNCIA-20

BNCIA-45

FIELD MAINTENANCE  
PRINT SET

BNCIA CABLE ASSY

DIGITAL EQUIPMENT  
CORPORATION

MP01371

USED ON OPTION/MODEL

CI780

SC008

DRN.

M. BAPTISTE

DATE

2/10/82

CHK'D

R. NUEBLING

DATE

2/10/82

PROJ. ENG.

R. NUEBLING

DATE

2/10/82

FIELD SERV.

B. LOVETT

DATE

2/10/82

SHEET 1 OF 1

digital

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TITLE:

BNCIA PRINT SET

|       |      |           |     |
|-------|------|-----------|-----|
| SIZE  | CODE | NUMBER    | REV |
| B     | TC   | BNCIA-0-1 | A   |
| DIST. |      |           |     |

TW



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\*\*\*\*\* FIELD MAINTENANCE PRINT SET \*\*\*\*\*

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| E-UA-SC008-AA       | STAR COUPLER & CAB ASSY (AA)    |
| K-PL-SC008-AA       | STAR COUPLER & CAB ASSY (AA)    |
| E-AD-70-18554       | DOOR ASSEMBLY FRONT             |
| K-PL-70-18554       | DOOR ASSEMBLY FRONT             |
| AD-70-18555         | REAR DOOR ASSEMBLY SC008        |
| PL-70-18555         | REAR DOOR ASSEMBLY SC008        |
|                     |                                 |
| B-DD-SC008-AB       | STAR COUPLER EXPANDER           |
| E-UA-SC008-AB       | STAR COUPLER EXPANDER           |
| K-PL-SC008-AB       | STAR COUPLER EXPANDER           |
| E-AD-70-18771       | STAR COUPLER ASSY (BOX)         |
| K-PL-70-18771       | STAR COUPLER ASSY (BOX)         |
| E-AD-70-18717       | FRONT PANEL ASSY SC008          |
| K-PL-70-18717       | FRONT PANEL ASSY SC008          |
| D-UA-54-14216       | STAR COUPLER MODULE             |
| K-PL-54-14216       | STAR COUPLER MODULE             |
| B-BD-54-14216       | STAR COUPLER MODULE             |
| D-CS-54-14216       | STAR COUPLER MODULE             |
| C-UA-70-18530       | 8/16 JUMPER CABLE               |
| K-PL-70-18530       | 8/16 JUMPER CABLE               |
| A-PS-36-18845       | LABEL, NODE 8-16                |
| A-PS-36-18806-01    | LABEL, CONFIGURATION PATH CI780 |
| A-PS-36-19211       | LABEL, CAUTION BEND RADII       |
| A-PS-36-19264-01/16 | LABEL, NODE ID                  |
| D-SS-74-25772-00    | PAN, STAR COUPLER               |
| D-SS-74-25772-01    | PAN, STAR COUPLER               |
| A-SP-37-00669-0-0   | PACKING INSTRUCTIONS AA & AB    |
| D-IC-SC008-0-2      | STAR SYSTEM INTERCONNECT        |

UNIT VARIATIONS

SC008-AA

SC008-AB

FIELD MAINTENANCE  
PRINT SET

MP01370

DIGITAL EQUIPMENT  
CORPORATION

SC008-A

USED ON OPTION/MODEL

SC008

|             |         |
|-------------|---------|
| DRN.        | DATE    |
| M. BAPTISTE | 2/10/82 |

|             |         |
|-------------|---------|
| CHK'D       | DATE    |
| R. NUEBLING | 2/10/82 |

|             |         |
|-------------|---------|
| PROJ. ENG.  | DATE    |
| R. NUEBLING | 2/10/82 |

|             |         |
|-------------|---------|
| FIELD SERV. | DATE    |
| B. LOVETT   | 2/10/82 |

SHEET 1 OF 1

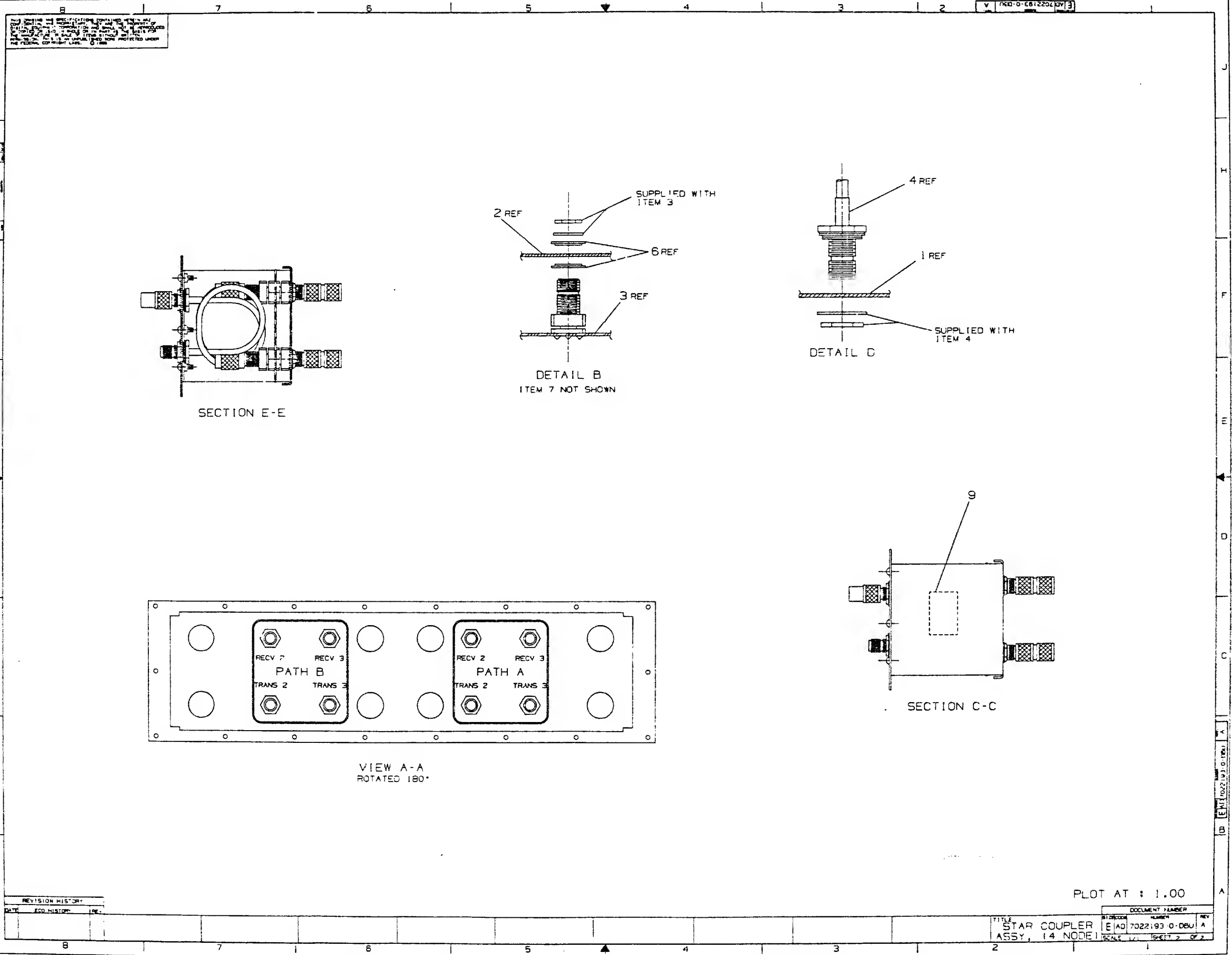
digital

TITLE:  
SC008 FIELD MAINT. PRINT SET

|       |      |           |     |
|-------|------|-----------|-----|
| SIZE  | CODE | NUMBER    | REV |
| B     | TC   | SC008-A-1 | A   |
| DIST. |      |           |     |

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[illegible]



| REVISION HISTORY |             |     |
|------------------|-------------|-----|
| DATE             | ECO HISTORY | REV |
|                  |             |     |

PLOT AT : 1.00

| DOCUMENT NUMBER |                    | REV          |
|-----------------|--------------------|--------------|
| STARCOUPLER     | NUMBER             |              |
| STAR COUPLER    | E/AQ 7022:93-0-DBU | A            |
| ASSY, 14 NODE   | SCALE 1:1          | SHEET 2 OF 2 |

SHEET A1 OF A1

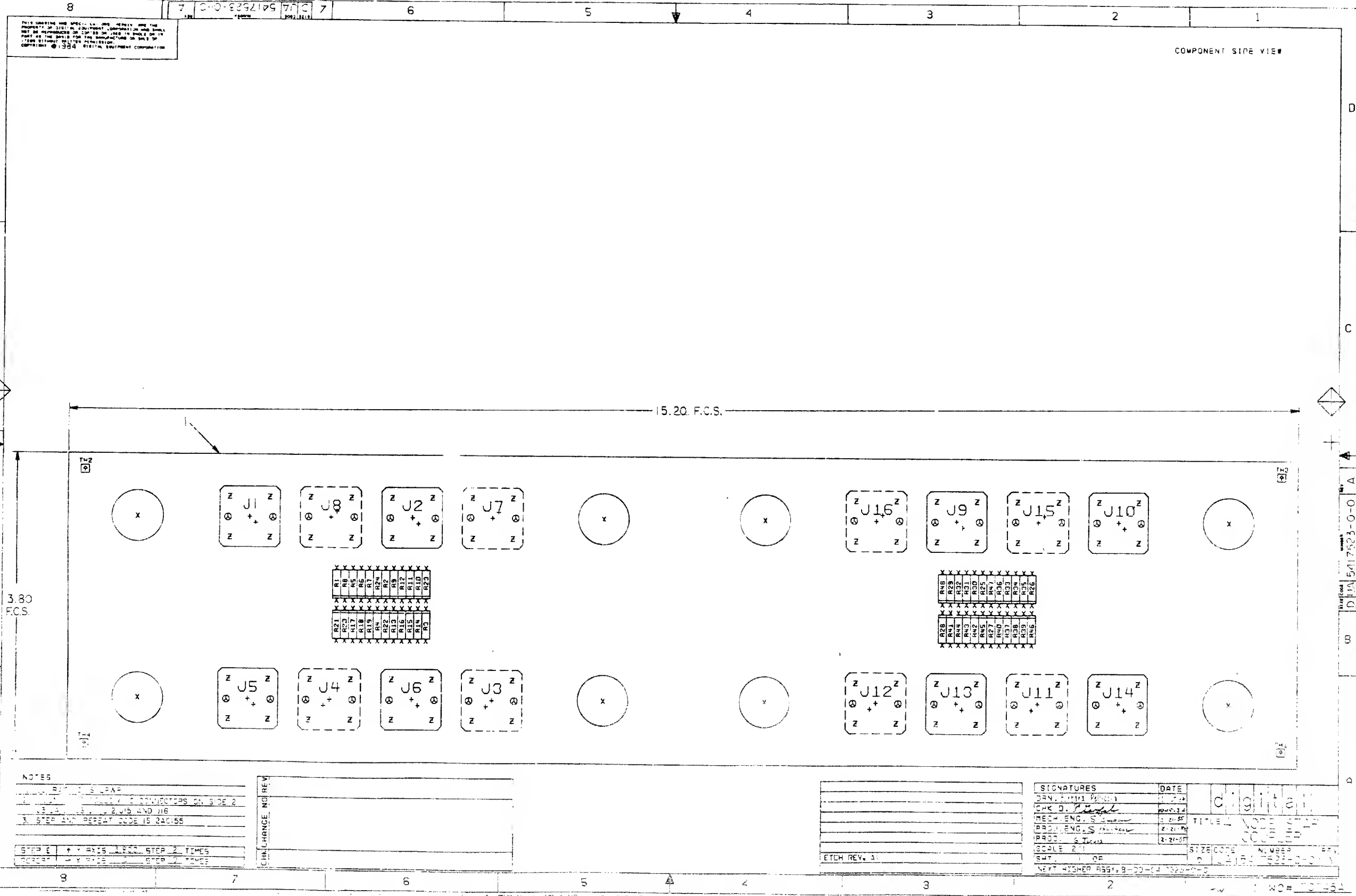
| REVISION HISTORY |            |     | BASIC PART NO: 7022193           |  | DRN: C. SENECALE    |  | DATE: 25 OCT 84      |  | D I G I T A L                         |      |
|------------------|------------|-----|----------------------------------|--|---------------------|--|----------------------|--|---------------------------------------|------|
| ENG              | ECO NUMBER | REV | SECTION A OF A                   |  | CHK'D: L. BOURGAULT |  | DATE: 9 FEB 85       |  | TITLE PARTS LIST<br>STAR COUPLER ASSY |      |
| ---              | INITIAL    | A   | SECTION VARIATION INDEX<br>[A]01 |  | DES.ENG: S. MORIN   |  | DATE: 9 FEB 85       |  | DOCUMENT NUMBER                       |      |
|                  |            |     | [B]                              |  | RESP.ENG.: B. MORIN |  | DATE: 9 FEB 85       |  | SIZE                                  | CODE |
|                  |            |     | [C]                              |  | MFG.ENG.: G. JARVIS |  | DATE: 9 FEB 85       |  | K                                     | PL   |
|                  |            |     | [D]                              |  | ASSEMBLY NUMBER:    |  | TOP DOCUMENT NUMBER: |  | FILE NAME:                            |      |
|                  |            |     | [E]                              |  | E-AD-7022193-0-DBU  |  | E-AD-7022193-0-DBU   |  | TW091A.PLS                            |      |
|                  |            |     | [F]                              |  |                     |  |                      |  | EDIT 0                                |      |
|                  |            |     |                                  |  |                     |  |                      |  | 6                                     |      |

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COMPONENT SIDE VIEW



NOTES

1. STEP 1 AND STEP 2 TIMES

2. STEP 1 AND STEP 2 TIMES

3. STEP 1 AND STEP 2 TIMES

| CHANGE NO. | REV. |
|------------|------|
|            |      |
|            |      |
|            |      |

ETCH REV. 3

| SIGNATURES                          | DATE   | TITLE               |
|-------------------------------------|--------|---------------------|
| DRN. (M. J. JONES)                  | 1-2-84 | COMPONENT SIDE VIEW |
| CHK. D. JONES                       | 1-2-84 |                     |
| MECH. ENG. S. JONES                 | 1-2-84 |                     |
| PROD. ENG. S. JONES                 | 1-2-84 |                     |
| PROJ. S. JONES                      | 1-2-84 |                     |
| SCALE 2:1                           |        |                     |
| SMT. 1 OF 1                         |        |                     |
| NEXT HIGHER ASSY. B-22-14 1520-00-0 |        |                     |

SIZE CODE

NAME

NO.

AUTOMATED BY PRTLST.5R(55)

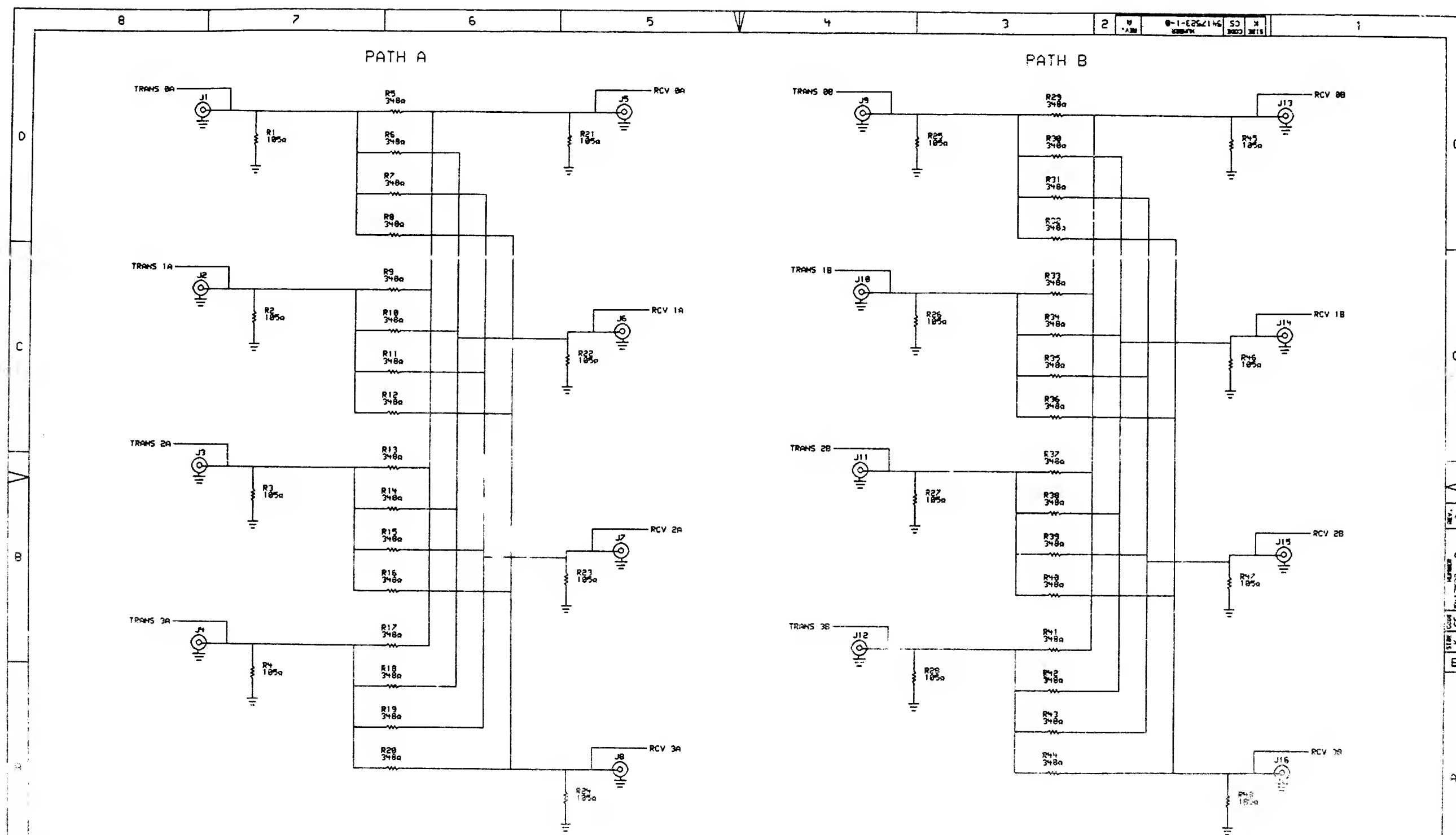
## P A R T S   L I S T

SHEET A1 OF A1

| LINE | ITEM | TOP DOCUMENT     | PART NUMBER | MIN<br>REV | DESCRIPTION                    | QTY PER VARIATION<br>01 | REFERENCE DESIGNATOR  |
|------|------|------------------|-------------|------------|--------------------------------|-------------------------|-----------------------|
|      |      |                  |             |            | VARIATION REVISION LEVEL:      | A1                      |                       |
| 1    | 1    | D-MD-5017522-0-0 | 5017522-01  |            | DRILL & ETCH BOARD             | 1                       |                       |
| 2    | 2    |                  | 1217979-00  |            | CONN,COAX TNC 50 OHM JACK PC 0 | 16                      | J1-J16                |
| 3    | 3    |                  | 1309294-00  |            | 105.0 .25 W .10% RN55E-B 2     | 16                      | R1-R4,R21-R28,R45-R48 |
| 4    | 4    |                  | 1321573-01  |            | 348.0 .25 W .10% RN55E-B 2     | 32                      | R5-R20,R29-R44        |

|                  |            |     |                         |  |  |                         |  |  |                      |  |  |                         |  |  |
|------------------|------------|-----|-------------------------|--|--|-------------------------|--|--|----------------------|--|--|-------------------------|--|--|
| REVISION HISTORY |            |     | BASIC PART NO: 5417523  |  |  | D R N : S.MANSOR        |  |  | DATE: 03-OCT-84      |  |  | D I G I T A L           |  |  |
| ENG              | ECO NUMBER | REV | SECTION A OF A          |  |  | CHK'D: F.GAROFALO       |  |  | DATE: 10-OCT-84      |  |  | TITLE PARTS LIST        |  |  |
| ---              | INITIAL    | A   | SECTION VARIATION INDEX |  |  | DES.ENG: STEVE BARBAS   |  |  | DATE: 10-OCT-84      |  |  | 4 NODE STAR COUPLER     |  |  |
|                  |            |     | {A} 01                  |  |  | RESP.ENG.: STEVE BARBAS |  |  | DATE: 10-OCT-84      |  |  | DOCUMENT NUMBER         |  |  |
|                  |            |     | {B}                     |  |  | MFG.ENG.: GARTH JARVIS  |  |  | DATE: 21-FEB-85      |  |  | SIZE CODE NUMBER REV    |  |  |
|                  |            |     | {C}                     |  |  | ASSEMBLY NUMBER:        |  |  | TOP DOCUMENT NUMBER: |  |  | FILE NAME:              |  |  |
|                  |            |     | {D}                     |  |  | D-UA-5417523-0-0        |  |  | B-DD-5417523-0-0     |  |  | 2227A.PLS               |  |  |
|                  |            |     | {E}                     |  |  |                         |  |  |                      |  |  | RELEASE DATE: 25-FEB-85 |  |  |
|                  |            |     | {F}                     |  |  |                         |  |  |                      |  |  | EDIT #                  |  |  |
|                  |            |     | {G}                     |  |  |                         |  |  |                      |  |  | 4                       |  |  |
|                  |            |     | {H}                     |  |  |                         |  |  |                      |  |  |                         |  |  |
|                  |            |     | {I}                     |  |  |                         |  |  |                      |  |  |                         |  |  |
|                  |            |     | {J}                     |  |  |                         |  |  |                      |  |  |                         |  |  |
|                  |            |     | {K}                     |  |  |                         |  |  |                      |  |  |                         |  |  |
|                  |            |     | {L}                     |  |  |                         |  |  |                      |  |  |                         |  |  |
|                  |            |     | {M}                     |  |  |                         |  |  |                      |  |  |                         |  |  |
|                  |            |     | {N}                     |  |  |                         |  |  |                      |  |  |                         |  |  |

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NOTE: PATH A GND IS ISOLATED FROM PATH B GND.

| REVISIONS | CHK | CHANGE NO. | REV. |
|-----------|-----|------------|------|
|           |     |            |      |

|                            |      |      |                  |      |      |
|----------------------------|------|------|------------------|------|------|
| DATE                       | ENG. | DATE | TEST             | DATE | TEST |
|                            |      |      |                  |      |      |
| FIRST USED ON OPTION MODEL |      |      | 0-1A-5412522-P-0 |      |      |

4 NIDS, DUAL PATH  
STAR COUPLER